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MICHELL'S BULBS

BULBS • SEEDS • PLANTS
WHOLESALE CATALOGUE

Fall 1943



NARCISSUS, KING ALFRED

SUPPLIES FOR FLORISTS



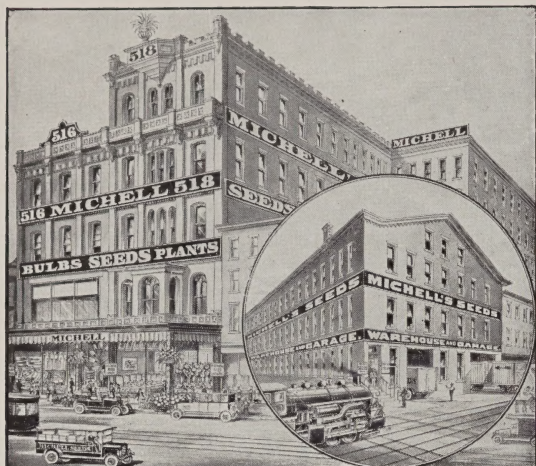
NARCISSUS, GLORY OF SASSENHEIM



IRIS WEDGWOOD

A strikingly beautiful Iris greatly favored for its brilliant color and its early flowering habit. The long-stemmed blooms make this a very desirable flower for the market.

HENRY F. MICHELL CO., 516-518 Market St., PHILA., PA.



Please Notice

Orders at prices in this Catalog will be filled only for those engaged in the florist, landscape gardening, and market gardening business, or others entitled to such prices. We reserve the right to refuse to fill orders for others not entitled to these prices.

As a protection to our customers who are entitled to wholesale or florists' prices, we ask that they do not lend this Catalog to persons not entitled thereto. It will save us considerable embarrassment. Tell them to send for our "Seed Book"—free upon request.

We Welcome Charge Accounts

We invite you to take advantage of a charge account with us. So that no time will be lost in executing your first order, please refer, preferably, to someone in either your own or our line of business with whom you have a charge account. This frequently saves delay.

Discounts

On bills for Flower Seeds, Vegetable Seeds, and Bulbs, a discount of 2 per cent for payment 10 days from date of bill may be deducted; 5 per cent cash discount is allowed on all orders of Flower Seeds when remittance accompanies the order, unless on items specially quoted or priced. Cash discount above does not apply to dealers' orders, unless so stated in quotations or otherwise. All other goods are strictly net, as are also bills for goods supplied under special quotations unless otherwise agreed upon.

Conditions of Sales

All contracts, sales, and acknowledgments of orders are contingent upon crop failure, our ability to import, and make deliveries in conformity with the "Plant Quarantine Act," partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, clerical errors included; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order.

PARCEL POST CHARGES QUOTED ARE FOR DELIVERY IN THE UNITED STATES ONLY

Notice to Customers in Canada and other Countries outside of the United States

In remitting for purchases at the time of ordering, or when paying accounts, by reason of the Exchange we ask that you please send Post Office Money Order in United States funds or a check or draft on a New York or Philadelphia Bank in par United States funds.

Forwarding Service

We pay postage on all orders for Vegetable and Flower Seeds provided the order calls for packets, ounces, quarter pounds, (grass seeds, bulbs, plants and sundries are not included). If these are wanted by mail, remit for postage the amount named in connection with the item to the first and second zones; for other zones add additional postage. All postage is charged on dealers' orders regardless of items ordered.

Parcel Post Rates

On Seeds, Bulbs, Plants or Roots not exceeding eight (8) ounces in weight, the postage charge is 1c. for each two (2) ounces or fraction thereof; on sundries or other merchandise not exceeding eight (8) ounces in weight, the postage charge is 1½c. for each two (2) ounces or fraction thereof. Seeds, Bulbs, Plants, Roots, Sundries, etc., weighing over eight (8) ounces, are sent at zone rates.

If Special Delivery is wanted, an additional 15c. is required on packages weighing up to two (2) pounds—25c. on packages weighing more than two (2) pounds and up to ten (10) pounds, 35c. on packages weighing more than ten (10) pounds, which also includes special handling and transportation as first-class mail.

If remittance accompanies order, a sufficient amount should be included to cover the extra charges—if ordered to be sent by either of the methods as stated above.

We do not make shipments of Plants or Cold-Storage Bulbs C. O. D.

Important Notice

All shipments of plants, perishable stock, and cold-storage bulbs are made at buyer's risk only.

If such shipments arrive in bad condition, accept them and receipt for them accordingly, and make claim for your loss on the transportation company. We, of course, will hold ourselves ready to assist you in any possible way. It has been found that claims can be collected more readily by the person receiving the goods than by the shipper.

Henry F. Michell Co. gives no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, he must notify us at once, and we will give instructions for disposition of goods.

SPECIAL TELEPHONE SERVICE



BELL:

Lombard 5620 to 5627

KEYSTONE:

Main 1631-1632

Telephone your order. It will get prompt, courteous attention here.

HENRY F. MICHELL CO., 516 and 518 Market St., PHILA.

Warehouses: 509-11-13 Ludlow St. and American and Dauphin Sts.

SEEDS BULBS, PLANTS, GARDEN SUPPLIES, FERTILIZERS
INSECT DESTROYERS, POULTRY SUPPLIES, ETC.

SPECIAL NOTICE! . . .

Due to existing conditions in Europe it is almost a certainty that there will be no Tulips, Hyacinths or other bulbs shipped from Holland this season.

However, we have arranged for a supply of **American- and British-grown Tulips** in varieties as listed in this Catalog.

American-grown Narcissus, Iris, etc., will also be available as usual.

Our customers who place their orders with us can be assured that we will do our utmost to fill them completely.

HENRY F. MICHELL CO.

Michell's Reliable Bulbs for Fall Planting

IMPORTANT NOTICE. We call attention to the fact that Easter in 1944 comes on April 9, and it is important that florists keep this in mind, particularly when planting and handling their bulbous stock.

Our Tulip bulbs are grown in the best districts, to insure perfect development and full-sized stock. Those who place their orders with us may be sure of getting bulbs that will not only bloom but also prove true to name.

The asterisk (*) preceding the variety denotes that it is suitable for forcing as well as bedding. The letters E, F and G following the variety indicate their relative time of blooming, the E's being the earliest to bloom. The figures indicate the normal height in inches. Tulip bulbs are packed 250 in a bag; please order in units of this number if possible.

Michell's Superb Darwin Tulips

First Size 11-12 cm.

Darwins are the most profitable Tulips for the florist to grow. The long stems on which the flowers are borne make them valuable for cutting.

Afterglow (Katherine Havemeyer). F26. Doz.	100	1000
Rosy orange, tinted salmon at edges. \$1 00	\$6 00	\$55 00
*Allard Pierson . E26. Dark crimson-maroon. An early forcing variety.	85	5 50 50 00
*Bartigon . F24. Fiery red; white base. Extra fine for pans.	1 00	6 00 55 00
*Centenaire . E32. Rich violet-rose, large blue center. Large flowers.	85	5 50 50 00
*City of Haarlem . F27. One of the best scarlet varieties. Steel-blue base with white outline.	1 00	6 00 55 00
*Clara Butt . G21. Delicate salmon-pink. Extra-fine forcer; good bedder.	75	4 50 40 00
*Farncombe Sanders . F25. Large, brilliant scarlet flowers.	1 00	6 00 55 00
*Le Notre . E24. Rose-pink. Very early and a fine forcer.	85	5 50 50 00
*Mme. Krelage . F26. Rosy lilac, with pale silvery margin. Fine forcer.	85	5 50 50 00
*Pride of Haarlem . F26. Rosy carmine.	85	5 50 50 00
*Princess Elizabeth . F23. Clear pink changing with age to a deeper shade.	85	5 50 50 00
*Professor Rauwenhof . F26. Large, cherry-red with blue star at base.	1 00	6 00 55 00
*Rose Copeland . E27. A sport from William Copeland, with the same forcing qualities. Color, pinkish lavender.	85	5 50 50 00
Victoire de'Oliviera . F26. Dark red with white-bordered deep blue base. Good for forcing as well as for planting outside.	85	5 50 50 00
*William Copeland . E24. Delicate lavender	75	4 50 40 00
*William Pitt . E24. Deep crimson, shaded purple on outer petals. Splendid for early forcing.	1 00	6 00 55 00
*Yellow Giant . E28. Large, globular, deep golden yellow flowers on tall, stiff stems.	1 00	6 00 55 00
Darwin Mixed	75	5 00 45 00

A Few Don'ts

- Don't** leave bulbs in paper bags or cases when they are damp.
- Don't** plant bulbs in soil in which bulbs have been grown before.
- Don't** put flats or pans on top of the ground after planting.
- Don't** bury the flats or pans in a warm, sunny, too wet or too dry place; choose a cool sunny corner where the soil is sufficiently moist at all times.
- Don't** take the bulbs into the greenhouse unless well rooted and the buds far enough advanced.

Dutch Breeder Tulips

A May-flowering type similar to the Darwins in their tall, strong growth, but an entirely different range of colors, running mostly in shades of bronze, terra-cotta, and buff.

*Bronze Queen . B28. Buff-yellow, shaded golden bronze; yellow base.	Doz. \$0 85	100 \$5 50	1000 \$50 00
Dillenburg . F. A brilliant salmon-orange, shaded rose. The flower is large and borne on a strong, stiff stem. Recommended for the garden.	1 00	6 00	55 00

Triumph Tulips

L'Innocence . Silvery white. A lovely Tulip.	Doz. \$1 00	100 \$6 00	1000 \$55 00
Lord Carnarvon . Pink and white. 22 in.	85	5 50	50 00
Mississippi . Lilac-purple, base bluish white. 18 in.	1 00	6 00	55 00
Telescopium . Reddish violet. 22 in.	1 00	6 00	55 00

May-flowering or Cottage Tulips

Desirable for outdoor planting for a supply of brilliant cut blooms in May. Some varieties are also valuable for forcing.

*Albino . E26. An excellently formed flower of pure white.	Doz. \$1 00	100 \$6 50	1000 60 00
Gesneriana Spathulata . G24. Rich scarlet; blue-black center.	85	5 50	50 00
Grenadier . F24. Brilliant orange-red.	85	5 50	50 00
*Inglescombe Yellow . F20. Bright yellow. Often called "Yellow Darwin".	75	4 50	40 00

Michell's Wagon Heater

For heating wagons and delivery trucks. Efficient, durable, economical, safe. 14-in. diam., 19 in. high. Price, \$7.50.

Coal for Wagon Heaters

Price, 20 briquettes \$1.15; 100 bricks \$8.75.

Hyacinth Stakes, Wood, Dyed Green

Used for staking tulips, hyacinths, etc.

	1000	5000	10,000
		per 1000	per 1000
12-in.	\$1 50	\$1 20	\$1 15

ALL PRICES SUBJECT TO MARKET CHANGES

The Early Singles bring color when it is needed most

The asterisk (*) preceding the variety denotes that it is suitable for forcing as well as bedding. The letters A, B, and C following the variety indicate their relative time of blooming, the A's being the earliest to bloom. The figures indicate the normal height in inches. Tulip bulbs are packed 250 in a bag; please order in units of this number if possible.

Early Single Tulips

*Cramoisi Brilliant. C10. Glowing scarlet, with yellow base.....	Doz.	100	1000
	\$0 85	\$5 75	\$52 50
Diadem. B16. Soft pale old-rose changing to salmon-pink.....	85	5 75	52 50
*Keizerkroon (Grand Duc). B15. Brilliant red, with gold border. Fine for forcing or bedding.....	1 00	6 00	55 00
*Prince of Austria. F14. Terra-cotta with yellow base. Sweetly scented.....	85	5 75	52 50
*Rising Sun. B15. Rich golden yellow. One of the largest Tulips in existence.....	85	5 75	52 50
*Vermilion Brilliant. B10. Brilliant vermilion-scarlet. Early forcer and good bedder.....	85	5 75	52 50
*White Hawk. A12. Pure white. Excellent forcer and bedder.....	85	5 75	52 50
*Yellow Prince. B10. Golden yellow. Fine for early forcing or bedding.....	85	5 75	52 50

Early Double Tulips

The Double Tulips usually flower a few days later than the Early Single varieties. They are very popular for both bedding and forcing.

- *Electra.** 12. Deep claret with lighter edges.
- *Mr. van der Hoef** (Yellow Murillo). A10. Rich golden yellow.
- *Murillo.** B10. Rose-pink, flushed white.
- *Peach Blossom.** B12. A sport of Murillo. Rosy pink, flushed white.

Write for prices on Double Early varieties

Parrot or Dragon Tulips (Late)

These belong to the late-flowering class, and on account of their peculiar markings and shadings are much in demand. The petals have feathered edges, and, in addition to other colors, combine shades of green.

***Fantasy.** 21. Beautiful, true salmon-rose, with ragged edges and fantastically shaped petals, with the outside marked apple-green; erect, long stems. Doz. \$1.00; 100, \$6.50; 1000, \$60.00.

***Sundew.** A distinct bloom of rich carmine-rose with fringed edges. Doz. \$1.00; 100, \$6.50; 1000, \$60.00.



Darwin Tulips

Michell's Reliable Narcissus Bulbs AMERICAN GROWN

We offer the best bulbs grown, all produced by the largest and most reliable growers in this country. The quality and size we furnish at reasonable prices should not be compared with cheap and inferior grades often offered, results of which are always questionable. You cannot afford to speculate with your crops. Procure your bulbs from us and be safe.

The letters following the varieties indicate their relative time of flowering, the A's being the earliest to bloom, the C's the latest.

If Narcissus bulbs are wanted by Parcel Post, add 10c. per doz., 30c. per 100 for postage, to the First and Second Zones; for other Zones, please add additional postage.

Single Narcissus

Giant Trumpet Varieties

Emperor. C. Pure yellow trumpet; primrose perianth.....	Doz.	100	1000
First-size bulbs.....	\$0 85	\$5 50	\$50 00
Monster bulbs.....	1 10	7 00	65 00
Glory of Sassenheim. B. White and yellow.....	1 10	7 00	65 00
Golden Spur. B. Yellow. Extra fine for early forcing.....			
First-size bulbs.....	75	5 50	48 00
Monster bulbs.....	1 00	6 50	57 50
King Alfred. B. Golden yellow. Excellent for cut-flower purposes.....			
First-size bulbs.....	1 00	6 50	60 00
Double Nose No. 2.....	1 00	6 50	60 00
Monster bulbs.....	1 25	8 50	80 00
Minister Talma. A. Large; bright yellow. Early forcer.....	1 25	8 00	75 00
Mrs. E. H. Krelage. B. Often referred to as the "White King Alfred." Pure white perianth; creamy white trumpet.....	2 25	14 00	125 00
Spring Glory. B. Perianth white; trumpet yellow.....	1 10	7 00	65 00
Tresserve. B. Very large; light yellow.....	1 25	8 00	75 00
Van Waveren's Giant. B. Primrose perianth; bright yellow trumpet.....			
Monster bulbs.....	2 25	12 00	110 00

ALL PRICES SUBJECT TO MARKET CHANGES



Giant Trumpet Narcissus

Urge early planting of *Narcissus* Bulbs

Medium Trumpet Narcissus

Conspicuous. Barri. C. Perianth yellow; dark yellow cup, edged scarlet.	Doz. 100	1000
	\$1 00	\$6 00 \$55 00
Cræsus. Incomparabilis. Perianth primrose-yellow, with thick overlapping petals; an unusually large crown of deep orange-red completes this picture.	1 10	7 00 65 00
Diana Kasner. Barri. B. Pure white perianth; large, fluted yellow cup, with blood-red frill. Very free flowering. Excellent forcer.	1 10	7 00 65 00
Lucifer. Incomparabilis. C. Perianth white; trumpet orange-scarlet.	1 00	6 00 55 00
Sir Watkin. Incomparabilis. C. Sulphur-yellow; cup tinged with orange.	1 00	6 50 57 50

Narcissus triandrus

These are the Cyclamen-flowered Daffodils, with reflexing perianth and the flowers more or less drooping and of elegant form.

Thalia. Orchid-flowered <i>Narcissus</i> . C. The sensation of recent flower shows, 3 to 4 blooms being produced on a sturdy stem. They are a gorgeous white and their arrangement reminds one of orchids. Excellent for February forcing.	Doz. 100	
	\$3 00	\$20 00

Narcissus, Double Varieties

Alba Plena Odorata. A. Double; white.	Doz. 100	1000
	\$0 85	\$5 50 \$50 00
Primrose Phoenix. C. Primrose-yellow.	1 00	6 50 57 50
Twink. A. One of the most promising varieties. A double of the semi-full type, the petals alternating a soft primrose and clear orange. Very attractive and an easy forcer.	1 50	9 00 85 00
Von Sion. C. Golden yellow.		
First-size bulbs.	85	5 50 50 00
Monster bulbs.	1 00	6 75 62 50

Narcissus in Mixture

We offer an excellent mixture which can be depended on for best results.	75	5 50 50 00
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If *Narcissus* bulbs are wanted by Parcel Post, add 10c. per doz., 30c. per 100 for postage, to the First and Second Zones; for other Zones, please add additional postage.

Jonquils

These are perfectly hardy and are suitable for either outdoor planting or forcing. They are delightfully fragrant and are worthy of extensive cultivation.

Golden Sceptre. 20. Elegant flowers on long stems; rich golden yellow; sweet-scented.	Doz. 100	1000
	\$1 00	\$6 00 \$55 00
Double (<i>Narcissus odoratus</i> plenus). 12. Flowers very double, deep golden yellow.	75	5 00 45 00
Single. 12. Rich yellow; very fragrant.	75	5 00 45 00

Pebbles for Polyanthus Narcissus

Qt. 10c.; doz. qt. pkgs. \$1.00; 100, \$8.00; 50 at 100 rate. In bulk, \$2.00 per 100 lbs.

Pearl Chips for Bulb Bowls, Etc.

White or Assorted Colors. Pkg. 10c.; 12 pkgs. \$1.10; 100 pkgs. \$8.00.	
White. In bulk. 10 lbs. 85c.; 25 lbs. \$1.75; 100 lbs. \$6.00.	
Assorted Colors. In bulk. 10 lbs. 85c.; 25 lbs. \$1.75; 100 lbs. \$6.00.	

CERESAN, New Improved (DuBay) Dust Disinfectant can be used very effectively on *Narcissus*. 4-oz. can 30c.; 1b. 80c.; 4 lbs. \$2.70; 25 lbs. \$15.00; 100 lbs. \$55.00.

ALL PRICES SUBJECT TO MARKET CHANGES

Narcissus Polyantha Varieties

MICHELL'S BIG BLOOM PAPER-WHITE. Doz. 100	1000
First size, 13 cm. up.	\$0 50 \$2 75 \$22 50
Mammoth, 14 cm. up.	60 3 25 27 50
Monster, 15 cm. up.	70 4 00 35 00

Write for prices on larger quantities of Big Bloom Paper-White *Narcissus*

Grand Soleil d'Or. Golden Chinese Lily. Rich yellow with orange-red cup.	Doz. 100	1000
14 cm. up.	\$1 00	\$6 00 \$55 00
15 cm. up.	1 10	7 00 60 00
Jumbo, 16 cm. up.	1 25	8 50 75 00

NOTE. If Polyantha *Narcissus* are to be grown in water, they will flower more satisfactorily if not started until late, thus giving the bulbs time to become thoroughly ripened and cured.

Monster *Narcissus* bulbs will be supplied in all varieties except where specified. Bear in mind that the sizes vary according to the characteristics of the variety.



Poet's and Poetaz Narcissus

Poetaz, Abundance. C. Creamy yellow; pure yellow cup.	Doz. 100	1000
	1 00	6 50 60 00
Poetaz, Cheerfulness. C. Excellent double-flowering type. A real double white with a faint suggestion of pale yellow at base.	\$1 00	\$6 75 \$62 50
Poetaz, Early Perfection. A. White perianth; light yellow cup. Several flowers on a stem. A very early forcing variety.	1 00	6 50 60 00
Poetaz, Elvira. B. Pure white; delicate yellow cup.	1 00	6 50 60 00
Poetaz, Laurens Koster. B. Pure white; orange-yellow cup.	1 00	6 00 55 00
Poetaz, Orange Cup. C. Creamy white; cup orange.	1 10	7 00 65 00
Poeticus, Horace. Perianth pure white; conspicuous red eye. Free flowering. Strong stem. An excellent cut-flower.	85	5 50 50 00
Poeticus ornatus. C. White and scarlet. Mammoth blooms.	85	5 50 50 00

In order to obtain best results, all bulbs should be unpacked immediately upon arrival and either planted at once or stored in a cool, dry place.

Michell's Superb Easter Lily Bulbs

Our house is among the largest direct importers of Easter Lily bulbs, and we are particular as to quality and grading. All are of standard packing and selected from best cultures.

EASTER IN 1944 comes on April 9



Lilium Harrisii

Lilium Harrisii, Michell's "Special Brand"

These are the cream of the Bermuda Lily crop, being a selection of bulbs from the most uniform plants. Our Harrisii last season gave the best of results, and our growers assure us the same quality for this season. We recommend this Lily for early spring flowering.

Size	Bulbs per case	Prices on application
6 to 7 in.	335	
7 to 9 in.	200	
8 to 10 in.	150	
9 to 11 in.	100	

Lilium Howardii

Sizes and quantity per case same as *L. Harrisii* bulbs.

Lilium candidum

Madonna, Annunciation, or St. Joseph's Lily

We wish to lay particular stress on the quality of our *L. candidum* bulbs, which are larger and better than usually sold. They produce plants of strong, healthy growth, free from disease, and bear an abundance of thick-petaled flowers.

	Each	Doz.	100
Selected Bulbs , 7 to 8 in.	\$0 35	\$3 50	\$25 00
Mammoth Bulbs , 8 to 9 in.	40	4 00	30 00
Monster Bulbs , 10 in. and up	50	5 00	40 00

Regale Lily · Lilium myriophyllum

	Doz.	100	1000
6 to 7 in.	\$1 25	\$8 00	\$75 00
7 to 8 in.	1 75	9 00	85 00
8 to 9 in.	2 00	13 50	125 00
9 to 10 in.	2 50	17 00	160 00
10 to 11 in.	3 25	22 50	200 00

***Tenuifolium**. Coral Lily. Plants reach a height of 1½ feet, with clusters of brilliant scarlet, star-like flowers on wiry stems. Grows very easily in a well-drained pocket in the rock-garden. . . \$1 25 \$8 00 \$70 00

Lilium philippinense formosanum

AUTUMN-FLOWERING TYPE

This is an ideal Lily for growing under glass or in the garden or nursery. It blooms profusely and its very fragrant, pure white flowers resemble an Easter Lily. The outside of the bloom, when first opening, is slightly colored with reddish brown; this coloration fades as the flower matures.

	Doz.	100
Large Bulbs	\$2 50	\$17 00

Miscellaneous Hardy Lilies

The hardy native Lilies are always an attraction and can at times be utilized in various ways, by reason of their oddity.

	Doz.	100
Canadense . Bright yellow	\$2 00	\$13 00
Canadense rubrum . Red	2 50	18 00
*Elegans, Mixed . Shades of orange	2 50	18 00
Henryi . Orange-yellow	3 50	25 00
Pardalinum . Sunset Lily	2 75	20 00
Superbum . Orange-red	3 25	25 00
*Umbellatum . Orange-scarlet	2 75	20 00



Lilium pardalinum

ALL PRICES SUBJECT TO MARKET CHANGES

HENRY F. MICHELL CO.

Michell's High-Grade Bulbs for Florists

Amaryllis (Ready in November or December)

If wanted by Parcel Post, add 20c. per doz. for postage

Giant American Hybrids. We believe this is the finest race of Amaryllis in cultivation. Flowers are of enormous size, fine form, and of a great diversity of colors. They make splendid pot-plants for store sales, and when in bloom sell on sight at a good price. We offer mixed colors only. Doz. \$4.00; 100, \$30.00.

Anemone (Ready in October)

Excellent for cut-flowers and sells readily with any florist who has a store trade. On arrival of bulbs, soak them in lukewarm water for from 12 to 18 hours before planting. Use virgin soil that is not heavy and which has been lightly mulched with peat moss. Plant in deep bulb-pans or flats, allowing about 2 inches each way; water sparingly until well established and carry over in a deep coldframe; bring into a 45° greenhouse about the middle of January and let them develop slowly.

Do not attempt to force or over-water. Grown in this way they should flower the latter part of March or early in April.

Blue Poppy. A choice selection of blue shades. Large, thick-petaled, poppy-shaped blooms on long stems appear at a time when this color is scarce.	Doz.	100	By P.P.	1000
De Caen. Single French. Mixed colors	\$0 45	\$3 25	\$3 40	\$28 00
His Excellency. Large-flowering Poppy Anemone. Deep scarlet; thick petals; long stems	50	3 50	3 65	30 00
St. Brigid. Semi-double; various colors	50	3 50	3 65	30 00
The Bride. New. Large, pure white flowers with white centers	50	3 50	3 65	30 00

Calochortus · Mariposa Tulip; Butterfly Tulip

Our mixture comprises all the pleasing shades: pink, rose, white, lavender, and primrose.

Mixed Colors	Doz.	100	By P.P.	1000
	\$0 50	\$4 00	\$4 15	\$35 00

Fancy-leaved Caladiums (December-January delivery)

We list only choice named and newer sorts, including Brazilian types. They cover a wide range of bright colorings and markings. Start bulbs in damp moss with plenty of bottom heat and an occasional dampening. Do not allow them to get chilled, and at all times grow them in a warm, shaded place.

Extra-Fancy Highly Colored Named Varieties.	Doz.	100	1000
	\$2 25	\$16 00	\$150 00
Mixed Varieties. An assortment especially blended for us.	1 75	13 50	130 00

Calla Lilies

If Callas are wanted by Parcel Post, add 20c. per doz. for postage, to the First and Second Zones; for other Zones, please add additional postage.

White Calla (Aethiopica) (Ready now)

Clean, healthy bulbs.	Doz.	100	1000
1½ to 1½ in. diam.	\$1 50	\$10 00	\$90 00
1½ to 1½ in. diam.	2 50	15 00	140 00
1½ to 2 in. diam.	3 00	21 50	195 00
2 to 2½ in. diam.	4 00	30 00	275 00

Baby Calla, Pink

Grows about a foot tall with long-lasting rose-pink flowers.

Each 40c.; doz. \$4.50; 100, \$35.00

Yellow Calla (Elliottiana) (TRUE)

Ready in October

Selected bulbs, 1½ to 2 in. diam.	\$1 25	\$8 75	\$80 00
Mammoth bulbs, 2 to 2½ in. diam.	2 00	13 00	125 00
Monster bulbs, 2½ to 3 in. diam.	3 00	22 50	210 00

Spotted Calla (Ready in October)

Flowers white. Foliage green, spotted white.	Doz.	100	1000
Large bulbs	\$2 00	\$13 50	\$125 00

Erythronium · Dog's-Tooth Violet

Tuolumense. Charming woodland plants with lily-like, golden yellow flowers; green leaves. Doz. 60c.; 100, \$4.50 (by Parcel Post, \$4.75); 1000, \$40.00.



Eremurus · Foxtail Lily; Giant Asphodel

A rare bulbous plant that is very hardy. The tall flower-stalks, rising from a tuft of long, narrow leaves, are crowned by a flower-spike 2 to 3 feet long, closely set with star-like, bell-shaped flowers. On account of their height, we recommend these for the rear of the hardy border. Delivery September and October.

Bungei. Citron-yellow on spikes 5 to 6 feet high.	Each	Doz.
	\$0 75	\$8 00
Elwesianus. Soft pink flowers on spikes 10 to 12 feet high.	1 75	18 00
Himalaicus. Waxy white flowers with golden anthers. Height, 6 to 8 ft.	75	8 00
Him-Rob. Pale silvery pink flowers. 8 to 10 ft.	1 00	10 00
Robustus. Rosy pink. Height, 10 ft.	1 50	16 00
Shelford. Coppery yellow or orange. 7 to 8 ft.	1 00	10 00

Freesias

Apotheose. Pink flowers tinted lavender.	Doz.	100	1000
First-size bulbs, ½ to ¾ in.	\$0 25	\$1 25	\$10 00
Mammoth bulbs, ¾ to 1 in.	35	2 00	15 00
Monster bulbs, ¾ to 1 in.	50	2 75	22 00

ELDER'S DOUBLE WHITE. This splendid novelty is a glistening white with very tall stems. The flowers are quite large and very similar to a gardenia. Excellent for forcing.

First-size bulbs, ½ to ¾ in.	35	2 00	16 00
Mammoth bulbs, ¾ to 1 in.	50	2 75	21 00
Monster bulbs, ¾ to 1 in.	75	4 50	41 00

ELDER'S GIANT WHITE. (Plant Patent No. 17.) Giant pure white blooms, with long stems.

First-size bulbs, ½ to ¾ in.	30	1 75	13 00
Mammoth bulbs, ¾ to 1 in.	40	2 25	18 50
Monster bulbs, ¾ to 1 in.	60	4 00	36 00

FLO (Elder's). A light violet-blue that is much clearer than Miss Blanche Blue. The finest variety of Freesia in this color so far produced. Flowers large, round-petaled and quite open. Foliage upright, deep green and long. The stems are wiry and sufficiently strong to carry the heavy flower-spike.

First-size bulbs, ½ to ¾ in.	35	2 00	16 00
Mammoth bulbs, ¾ to 1 in.	50	2 75	21 00
Monster bulbs, ¾ to 1 in.	75	4 50	41 00

Golden Daffodil. Golden yellow with orange blotch on lower lip.

First-size bulbs, ½ to ¾ in.	25	1 25	10 00
Mammoth bulbs, ¾ to 1 in.	35	2 00	15 00
Monster bulbs, ¾ to 1 in.	50	2 75	22 00

Freesias continued on page 6

ALL PRICES SUBJECT TO MARKET CHANGES

516 and 518 Market St., Philadelphia, Pa.

MICHELL'S MISCELLANEOUS BULBS AND ROOTS

FREESIAS, continued

JUDY (Elder's). A wonderful golden yellow, suggestive of the well-known Sulphur Phoenix Narcissus. Large-flowering type and excellent for forcing.

	Doz.	100	1000
First-size bulbs, $\frac{1}{2}$ to $\frac{3}{4}$ in.	\$0 35	\$2 00	\$16 00
Mammoth bulbs, $\frac{3}{4}$ to 1 in.	50	2 75	21 00
Monster bulbs, $\frac{3}{4}$ to 1 in.	75	4 50	41 00

Marie Louise Fischer. An excellent variety with rich lavender-blue flowers.

First-size bulbs, $\frac{1}{2}$ to $\frac{3}{4}$ in.	30	1 75	13 00
Mammoth bulbs, $\frac{3}{4}$ to 1 in.	40	2 50	19 00
Monster bulbs, $\frac{3}{4}$ to 1 in.	50	3 25	26 00

MICHELL'S PURITY (Super-Flora).

First-size bulbs, $\frac{1}{2}$ to $\frac{3}{4}$ in.	25	1 25	10 00
Mammoth bulbs, $\frac{3}{4}$ to 1 in.	35	2 00	15 00
Monster bulbs, $\frac{3}{4}$ to 1 in.	50	2 75	22 00

Miss Blanche Blue. Plant Patent No. 98. Deep bluish lavender. No variety compares with it in size of flower, length of stem, earliness, or freedom of growth.

First-size bulbs, $\frac{1}{2}$ to $\frac{3}{4}$ in.	30	1 75	13 00
Mammoth bulbs, $\frac{3}{4}$ to 1 in.	40	2 25	18 50

Mrs. Marc Peters. Deep rosy salmon, blotched golden yellow. Very early.

First-size bulbs, $\frac{1}{2}$ to $\frac{3}{4}$ in.	35	2 00	14 00
Mammoth bulbs, $\frac{3}{4}$ to 1 in.	40	2 50	19 00

Pinky. Clear pink; broad-petaled open flower.

First-size bulbs, $\frac{1}{2}$ to $\frac{3}{4}$ in.	30	1 75	13 00
Mammoth bulbs, $\frac{3}{4}$ to 1 in.	40	2 25	18 50

Sunset. A new color in Freesias—flame-orange.

First-size bulbs, $\frac{1}{2}$ to $\frac{3}{4}$ in.	30	1 50	11 00
Mammoth bulbs, $\frac{3}{4}$ to 1 in.	35	2 00	15 00

Rainbow Mixture.

First-size bulbs, $\frac{1}{2}$ to $\frac{3}{4}$ in.	30	1 50	11 00
Mammoth bulbs, $\frac{3}{4}$ to 1 in.	35	2 00	15 00

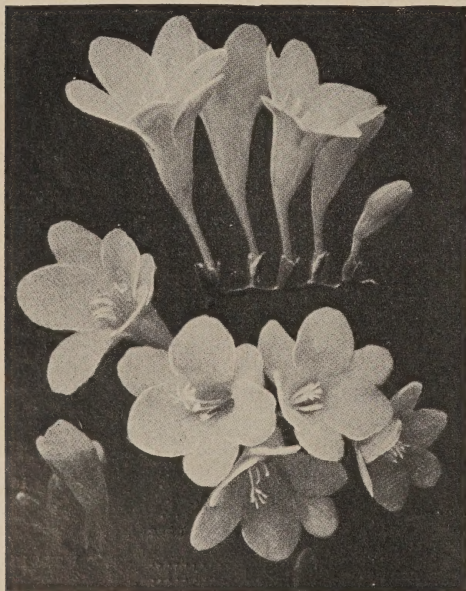
Baby Gladiolus (For Forcing)

Ready in October

An extremely popular flower of marvelous grace and beauty. If wanted by Parcel Post, add 25c. per 100 for postage

	Doz.	100	1000
Pink Perfection. New. Rose-pink.	\$0 60	\$4 00	\$35 00
Peach Blossom. Soft pink.	60	4 00	35 00
Spitfire. Deep reddish salmon.	60	4 00	35 00
The Bride. Pure white.	60	4 00	35 00

Also the regular type of Gladiolus in special forcing varieties. List and prices upon application.



Freesia, Golden Daffodil

Grape Hyacinths • Muscari

	Doz.	100	1000
Light Blue (Armeniacum)	\$0 60	\$4 00	\$35 00
Dark Blue.	60	4 00	35 00

Dutch Iris • Iris Xiphium hybridum

Blooms fully two weeks in advance of the Spanish Iris. Flowers are of enormous size.

If Iris is wanted by Parcel Post, add 15c. per 100 for postage

	Doz.	100	1000
A. Bloemaard. Purplish blue. Very early.	\$0 50	\$2 75	\$22 00
7 to 8 cm.	65	3 75	32 00
8 cm. and up.			
D. Haring. White tinted lilac. Early.			
7 to 8 cm.	60	3 50	30 00
8 cm. and up.	75	4 75	43 00
Leonardo da Vinci. White and yellow.			
7 to 8 cm.	65	4 00	35 00
8 cm. and up.	75	5 00	45 00
Poggenbeek. Brilliant blue. Early.			
7 to 8 cm.	50	2 75	22 00
8 cm. and up.	65	3 75	32 00
White Excelsior. Immense flowers of purest white.			
7 to 8 cm.	65	4 00	35 00
8 cm. and up.	75	5 00	45 00
Yellow Queen. Extra fine.			
6 to 7 cm.	50	2 75	22 00
7 to 8 cm.	65	4 00	35 00

English Iris (hardy)

While this is not a forcing Iris it is one of the finest cut-flower sorts known, and should be grown outside by every lover of this beautiful flower. It is hardy, easy to grow, a sure bloomer, and its flowers are of striking color.

	Doz.	100	1000
King of the Blues. A brilliant deep purple-blue of striking effect.	\$0 75	\$5 00	\$45 00
Othello. A beautiful shade of rich wine-red.	75	5 00	45 00
Prince Albert. Bright lavender-blue, very delicate and effective.	75	5 00	45 00
Sunset. Delicate lavender-pink.	75	5 00	45 00
Tricolor. Standards purple; falls white overlaid with bright blue.	75	5 00	45 00

Spanish Iris • Iris hispanica

Extremely early. Graceful, slender stems, with fragrant orchid-like flowers. Hardy outdoors, requiring only a slight mulch; also excellent for forcing in boxes or pans.

	Doz.	100	1000
Cajanus. Canary-yellow, with orange blotch on falls.	\$0 65	\$3 75	\$32 00
King of the Blues. Deep purplish blue.	55	3 25	29 00
King of the Whites. Pure white.	65	4 00	35 00

Iris filifolia, Imperator

A popular greenhouse forcing variety, producing elegant large, deep blue flowers. Very much in demand.

	Doz.	100	1000
Selected bulbs (7 to 8 cm.)	\$0 50	\$2 75	\$22 00
Large bulbs (8 cm. and up)	65	3 75	32 00

Iris tingitana, Wedgwood

Monster, deep blue flowers on long stems. Free bloomer. Very early, in fact, one of the first Irises to bloom when forced under glass.

	Doz.	100	1000
8 to 9 cm. bulbs	\$0 50	\$2 75	\$22 00
9 to 10 cm. bulbs	65	4 00	36 00
10 to 12 cm. bulbs	75	5 00	45 00

Ixias

Extra-Fine Mixture.	65	4 00	35 00
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Leucocoryne ixioides odorata

Glory-of-the-Sun

A new introduction from Chile. Requires the same culture as freesias and blooms during February and March. Lavender, phlox-like flowers on long wiry stems. Doz. \$1.25; 100, \$9.00.

Leucojum vernum • Spring Snowflake

A fine, hardy spring-flowering bulb with flowers like a snowdrop, but larger. Doz. 75c.; 100, \$4.50; 1000, \$40.00.

ALL PRICES SUBJECT TO MARKET CHANGES

HENRY F. MICHELL CO.

The new Ranunculus are surprisingly improved

Ornithogalum

Arabicum. Star of Bethlehem. An attractive flowering bulb for either indoor or outdoor culture. Petals pure white, streaked light green, with black flower center. For indoor culture, treat like hyacinths. Doz. 75c. (by Parcel Post, 85c.); 100, \$5.00 (by Parcel Post, \$5.30); 1000, \$45.00.

Aureum Hybrids. Orange-red to bright yellow blooms, with marvelous keeping qualities. Doz. \$1.00 (by Parcel Post, \$1.10); 100, \$7.50 (by Parcel Post, \$7.75.)

Thyrsoides flore-pleno. The only double Ornithogalum. The flowers have the keeping qualities of the single varieties, and the appearance of a Double Pearl tuberosa. This is a new variety and very popular. Stems about 30 inches tall. Doz. 75c. (by Parcel Post, 85c.); 100, \$4.50 (by Parcel Post, \$4.75); 1000, \$40.00.

Oxalis

If wanted by Parcel Post, add 10c. per 100 for postage

	Doz.	100	1000
Grand Duchess, Pink.	\$0 30	\$2 00	\$18 00
Grand Duchess, Lavender.	30	2 00	18 00
Buttercup. Yellow.....	30	2 00	18 00

Ranunculus

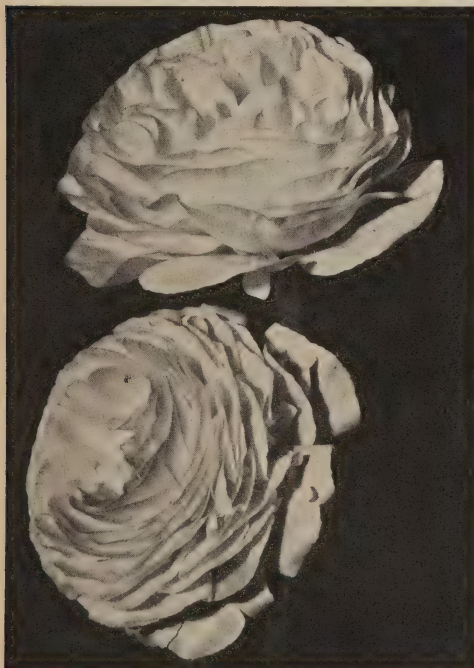
Dwarf flowering bulbs, easily grown in pots for winter blooming or in coldframes for spring. Cultural directions are the same as for anemones.

If wanted by Parcel Post, add 15c. per 100 for postage

Tecolote Giants, Mixed. This is the last word in Ranunculus, developed by careful selection of the finest flowers from all the latest improved strains and is a balanced blend of all colors. The huge flowers run mostly to the full double form. Doz. 60c.; 100, \$3.50; 1000, \$30.00.

Palafior Strain, Choice Mixed. This strain produces extra-large flowers in a beautiful range of colors, such as subtle shades and pastel colorings of pinks and yellows and other shades. Doz. 50c.; 100, \$3.25; 1000, \$27.50.

Claremont Hybrids, Mixed. Plants grow to 2 feet and produce perfectly round flowers of tango shades with all washy colors eliminated. Doz. 65c.; 100, \$3.75; 1000, \$32.00.



Ranunculus



Spiraea (Astilbe)

Spiraea (Astilbe)

Ready in December

Large clumps with plenty of flowering eyes.

	Doz.	100
America. Lilac-rose.....	\$3 50	\$25 00
Deutschland. Pure white.....	3 75	28 00
Gladstone. Snow-white.....	3 75	28 00
Gloria Superba. Rose. Excellent for forcing.....	3 50	25 00
Peach Blossom. Pale rose. Fine for forcing.....	3 50	25 00
Queen Alexandra. Pink Easter variety.....	3 50	25 00
Rhineland. Crimson, shading to salmon. Excellent forcer.....	3 50	25 00

Scillas · Squills

Excellent for planting around beds of tulips, hyacinths or daffodils. Also do well if planted indoors in pots or pans.

If wanted by Parcel Post, add 10c. per 100 for postage

Campanulata alba. Pure white.....	} All Scillas, doz. 75c.; 100, \$4.50; 1000, \$40.00.
Campanulata rosea. Delicate pink.....	
Campanulata, Blue.	

Economy Pot Labels

A wonderful Label made of almond wood, which will hold the marking for a considerable time, and, owing to the nature of the wood used, it is not necessary to paint them. Very desirable for those who use Labels in large quantities. Extremely well made.

	No. in pkg.	1000
4-in.....	1000	\$1 50
5-in.....	1000	1 80
6-in.....	1000	2 00
8-in.....	250	5 00
10-in.....	250	6 00
12-in.....	250	8 00

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage

ALL PRICES SUBJECT TO MARKET CHANGES

Michell's Choice Plants for Florists

Important.—The stock offered by us is the best obtainable and will satisfy the most critical buyer. However, we cannot guarantee the success of the grower who purchases the stock, but if it proves untrue to name our liability is limited to the invoice value at the time of shipment.

We recommend all shipments to go by Express, except small ones, which can readily go by mail.

If shipments arrive in bad condition, accept them and receipt for them accordingly, then enter claim to the transportation company. We, of course, will assist you in every possible way.

Any complaints as to quality cannot be entertained, unless made to us within 2 days after receipt of goods.

Serious labor and transportation problems may cause unavoidable delays this winter. It is, therefore, more important than ever before that growers place their orders early, for orders will be filled in rotation. We will do our utmost to avoid delays and to maintain prompt and efficient service, but "service as usual" may be difficult for the present. We will not relax in our determination to ship only stock of high quality.

All prices subject to market changes. At time of shipment, the prices then prevailing will be charged.

Our ability to supply plants is limited due to war conditions and we must subject each order to our ability to supply at time for proper shipment.

Ageratum

Stulb's Winter-flowering.	25	100
Rooted cuttings.....	\$1 00	\$3 00
2 1/4-in. pots.....	1 75	6 00

Antirrhinum • Snapdragon

	100	1000
Afterglow. New. Beautiful bronze.....	\$5 00	\$45 00
Cheviot Maid Supreme. Clear pink.....	5 00	45 00
Christmas Cheer. Early improved. Pink.....	5 00	45 00
Ethel. Medium deep yellow. Good spike.....	5 00	45 00
Lucky Strike. Large-flowering white.....	5 00	45 00
Peggy Schumann. Clear bright pink.....	5 00	45 00
Schumann Lavender. Good spring-flowering lavender.....	5 00	45 00
Sunlite. Extra early. Golden bronze.....	5 00	45 00
Velvet Beauty. American-Beauty-red.....	5 00	45 00
White Wonder. Pure white.....	5 00	45 00

"Gold Medal Snaps" (Pembroke)

	5 00	45 00
Coventry. Giant pure white. Early.....	5 00	45 00
Mars. Large; red. Early.....	5 00	45 00
Sunset. Blush-pink. Early.....	5 00	45 00
Sunshine. Yellow. Early.....	5 00	45 00

Important. To keep Snapdragons free from rust, **do not wet the foliage at any time** and you will have no trouble with rust in growing them.



Cineraria, Cremer's Prize Strain

Asparagus

	25	100	1000
Plumosus nanus. 2 1/4-in. pots.....	\$1 75	\$6 00	\$55 00
3-in. pots, extra strong.....	4 00	15 00	140 00
Sprengeri. 2 1/4-in. pots.....	1 75	6 00	55 00
3-in. pots.....	4 00	15 00	140 00

Azaleas, Kurume. For Easter Forcing

	10	100	1000
Coral Bells.			
Hexe.			
Lavender Queen.			
4-in. spread.....	\$4 00	\$35 00	\$300 00
6-in. spread.....	6 50	60 00	550 00
8-in. spread.....	9 50	85 00	800 00
10-in. spread.....	13 00	105 00	900 00
12-in. spread.....	15 50	130 00	1005 00

	4 00	35 00	300 00
Hinodegiri			
4-in. spread.....	4 00	35 00	300 00
6-in. spread.....	5 00	45 00	355 00
8-in. spread.....	7 50	65 00	550 00
10-in. spread.....	8 50	80 00	700 00

25 plants at the hundred rate

250 plants at the thousand rate

(PRICES SUBJECT TO CHANGE)

Begonias

MISCELLANEOUS VARIETIES

	25	100	1000
Carmen. Bright pink. Bronze foliage.....	\$1 75	\$6 00	\$55 00
Erfordia. Pink.....	1 75	6 00	55 00
Indian Maid. Deep scarlet. Dark bronze foliage.....	1 75	6 00	55 00
Luminosa. Dark scarlet. 2 1/4-in. pots.....	1 75	6 00	55 00
Primadonna. Rose, shading to carmine. 2 1/4-in. pots.....	1 75	6 00	55 00
Rex. In a fine assortment. 2 1/4-in. pots.....	5 00	15 00	
Xmas Cheer. Crimson-scarlet. 2 1/4-in. pots.....	1 75	6 00	55 00

Browallia

	1 75	6 00	55 00
Speciosa (major). Rich blue. Fine for pots or baskets. 2 1/4-in. pots.....	1 75	6 00	55 00

Cineraria

Ready from September to November.

	2 00	7 00	65 00
Cremer's Prize Strain. Cross of Multiflora compacta, Grandiflora hybrida and Stelata. Won first prize at all flower shows. 2 1/4-in. pots.....	2 00	7 00	65 00
Grandiflora. Semi-dwarf prize mixed. 2 1/4-in. pots.....	2 00	7 00	65 00
Multiflora nana. Potsdam Strain. 2 1/4-in. pots.....	2 00	7 00	65 00

ALL PRICES SUBJECT TO MARKET CHANGES

HENRY F. MICHELL CO.

Michell's Quality Plants please particular people

Calceolaria

	25	50	100
Greater New York. In all the finer shades and colors, including Red, Yellow, Bronze, Honey-dew, etc. 2 1/4-in. pots.....	\$5 50	\$10 00	\$20 00

	25	50	100
Easter Greeting. A good range of colors. 2 1/4-in. pots.....	\$4 00	\$7 00	\$14 00
Feltham Glory. Rust and mahogany shades. 2 1/4-in. pots.....	3 50	6 00	12 00
Multana. Our best strain of Multiflora nana. 2 1/4-in. pots.....	3 00	5 00	10 00
Multiflora nana, Gilbert's Strain. 2 1/4-in. pots.....	3 50	6 00	12 00
Perfect Model Improved. Large flowers; many shades. 2 1/4-in. pots.....	3 50	6 00	12 00
Ramona. Largest flowers, similar to Perfect Model. 2 1/4-in. pots.....	3 50	6 00	12 00

MOTHER'S DAY VARIETIES

Grown from cuttings

Golden Gem (Little Gem). Small, yellow flowers. 2 1/4-in. pots.....	5 50	10 00	20 00
Golden Talisman. 2 1/4-in. pots. Beautiful golden amber.....	5 50	10 00	20 00
*Improved Perfection. All colors. 2 1/4-in. pots.....	5 50	10 00	20 00
Pink Beauty. Strawberry color. 2 1/4-in. pots.....	5 50	10 00	20 00
Pink Perfection. New. 2 1/4-in. pots.....	5 50	10 00	20 00
*Pure Flame. Brilliant red. 2 1/4-in. pots.....	5 50	10 00	20 00
Rosacker's Brilliant. Deep rich garnet-red. 2 1/4-in. pots.....	5 50	10 00	20 00
*Sensation. All colors. 2 1/4-in. pots.....	5 00	9 00	18 00
Stewarti. Canary-yellow. 2 1/4-in. pots.....	5 50	10 00	20 00

Varieties marked * we especially recommend

Chinese Evergreen

	25	100
2 1/4-in. pots.....	\$4 00	\$15 00

Cissus antarctica • Kangaroo Vine

Resembles Grape Ivy. Glossy green leaves, deeply toothed.

	12	25	100
2 in.....	\$2 25	\$4 50	\$15 00

Cleveland Cherries

	100	1000
Selected strain. 2 1/4-in. pots.....	\$6 00	\$55 00

Crassula

Arborescens. 2 1/4-in. pots.....	7 00	60 00
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Cyclamen Plants

In separate colors Rose of Zehlendorf, Blood-Red, Bright Red and Rose-Pink.	100
3-in. pots.....	\$20 00
4-in. pots.....	40 00
4-in. pots. Extra selected.....	50 00

Daisies (For Cutting)

Unexcelled for cut-flowers, keeping well after being cut. We offer extra-line stock in 2 1/4-in. pots.

	25	100	1000
Boston Yellow	\$2 50	\$8 00	\$75 00
Nicholson's Giant White	2 50	8 00	75 00
White Marguerite	2 50	8 00	75 00

Daphne Cneorum

	10	100
5 to 7-in. spread plants.....	\$4 00	\$35 00
6 to 9-in. spread plants.....	5 00	45 00
9 to 12-in. spread plants.....	7 00	65 00
12 to 15-in. spread plants.....	8 50	80 00

25 at the 100 rate

Euphorbia

One of the finest and most useful plants for midwinter flowering.

Jaquinæflora. Orange-scarlet flowers in long, graceful sprays. 2 1/4-in. pots.....	25	100	1000
	\$2 75	\$12 00	\$100 00



Gardenia

Ferns (2 1/4-inch pots)

Extra-fine, clean stock

	25	100	1000
Boston	\$2 50	\$8 00	\$70 00
Dwarf Boston	2 50	8 00	70 00
Teddy, Jr.	2 50	8 00	70 00
Roosevelt	2 50	8 00	70 00
Scotti	2 50	8 00	70 00
Verona	2 50	8 00	70 00
Whitmani compacta	2 50	8 00	70 00

Ferns (4-inch and 6-inch pots)

	Dwarf Boston	Scotti	Teddy, Jr.
Prices quoted on request			

Table Fern Seedlings

Strong plants, ready for potting

	100	1000
Aspidium tsus-simense	\$3 00	\$27 50
Cyrtomium Rochefordianum	3 00	27 50
Pteris adiantoides	3 00	27 50
Pteris argyrea	3 00	27 50
Pteris cretica albo-lineata	3 00	27 50
Pteris Mayi	3 00	27 50
Pteris Rivertoniana	3 00	27 50
Pteris serrulata cristata variegata	3 00	27 50
Pteris serrulata nana compacta	3 00	27 50
Pteris tremula	3 00	27 50
Pteris Victoria	3 00	27 50
Pteris Wilsoni	3 00	27 50
Pteris Wimsetti	3 00	27 50

Gardenias

	Each
Belmont. 3-in. pots, less than 25 plants.....	\$0 60
25 to 49 plants.....	50
50 to 99 plants.....	45
100 to 499 plants.....	40
Belmont. 4-in. pots.....	12 100
	\$9 00 \$85 00
Veitchi. 2 1/4-in. pots.....	25 100
4-in. pots.....	\$3 50 \$12 00
	13 50 50 00

PLEASE NOTE—Shipments of perishable goods can be made only at your risk

If shipments arrive in bad condition, accept them and receipt for them accordingly, and make claim for your loss on the transportation company. We, of course, hold ourselves ready to assist you in any possible way. It has been found that claims can be collected more readily by the person receiving the goods than by the shipper.

ALL PRICES SUBJECT TO MARKET CHANGES

Our young plants are strong and have grand root-systems

Geranium ONE OF OUR SPECIALTIES

Our stock is grown for us by specialists and is personally inspected by us, which insures flowering qualities and trueness.

Prices quoted are for Fall Delivery and will likely be advanced after January

2 1/4-in. pots

We take the greatest pains to supply only the best quality of this important stock. Our *Geraniums* will produce flowers. No order will be executed for less than 25 plants of any one variety. Order early.

	100	1000
Alphonse Ricard. Bright vermilion.....	\$7 50	\$70 00
Beaute Poitevine. Light salmon.....	7 50	70 00

Fiat Queen. Lighter pink than Fiat. 12	25	100
Petals serrated. Free bloomer. 2-in. pots.....	\$3 00	\$5 50 \$20 00

	100	1000
Fiat. Salmon-pink.....	\$8 50	\$75 00
Mme. Buchner. Double; white.....	7 50	70 00
Mme. Landry. Light rose-pink.....	7 50	70 00
Moreau Ricard. Very large heads of brilliant scarlet.....	8 00	75 00
Olympic. One of the best reds.....	9 00	85 00
Pride of Camden. Scarlet.....	7 50	70 00
Radio. Intense scarlet.....	7 50	70 00
Sensation. Red.....	7 50	70 00
Tenny's Scarlet.	7 50	70 00

Michell's Hydrangeas

The stock offered below is produced by the foremost specialists.

Place your order now for Fall Delivery

*Blues easily; E., early; M., midseason; L., late

Flowering shoots per plant:

2 and 3-in., one shoot; 4-in., 2 or more; 5-in., 3 or more; 6-in., 5 or more; 7-in., 8 or more.

NOVELTY

***Merritt's Beauty.** Patent applied for. E. Dark carmine-red. Per 100, 3-in., \$40.00; 4-in., \$50.00; 5-in., \$60.00; 6-in., \$80.00; 7-in., \$125.00.

Norwood. E. Deep pink. Per 100, 3-in., \$40.00; 4-in., \$50.00; 5-in., \$60.00; 6-in., \$80.00; 7-in., \$125.00.

INTRODUCTIONS

***Helen Merritt.** Plant Patent No. 276. E. Deep rose.
Aukamm. M. Rose-pink.
Daphne. E. Brilliant pink.
***Elbe.** E. Pink.
Forschrift. E. Red.
Regula. E. White.
Signy Hartmann. E. Dark pink.
Sonnengruss. E. Rose.
***Strafford.** M. Dark pink.
Wesphalen. E. Carmine.
Wiesbaden. E. Rose-pink.

Any of above, per 100, 3-in., \$25.00; 4-in., \$35.00; 5-in., \$50.00; 6-in., \$75.00; 7-in., \$100.00

HYDRANGEAS—RECENT INTRODUCTIONS

Altoona. E. Clear pink.
Europa. E. Salmon-pink.
Hamburg. E. Carmine.
***Kunert.** M. Rose-pink.
Merveille. L. Light red.
***Rosabelle.** L. Rose-pink.
***Sch. Perle.** M. Pink.

Any of above, per 100, 3-in., \$20.00; 4-in., \$35.00; 5-in., \$45.00; 6-in., \$70.00; 7-in., \$85.00

EXCELLENT KINDS

Ami Pasquaar. E. Red.
Louis Savage. L. Dark pink.
 Any of above, per 100, 3-in., \$18.00; 4-in., \$35.00; 5-in., \$45.00; 6-in., \$70.00; 7-in., \$85.00

STANDARD VARIETIES

Deutschland. E. Salmon-pink.
E. Mouillere. E. White.
***Gertrude Glahn.** M. Dark rose.
***Goliath.** M. Dark rose.
M. Baardse. E. Salmon-red.
***M. Foch.** E. Deep carmine.
***Niedersachsen.** E. Light pink.
***Otaksa.** L. Pink.
Steinmetz. E. Pink.
Trophee. E. Red.

Our selection of the above, per 100, 3-in., \$15.00; 4-in., \$30.00; 5-in., \$40.00; 6-in., \$60.00; 7-in., \$75.00

Ivies

	100	1000
Maple Queen. Plant Patent No. 429. Rooted cuttings.....	\$7 00	\$60 00
2 1/4-in. pots.....	15 00	
Sylvanian Beauty. Plant Patent No. 430. Rooted cuttings.....	7 00	60 00
2 1/4-in. pots.....	15 00	

	25	100	1000
Merion Beauty. Very free branching. 2-in. pots.....	\$3 00	\$10 00	\$90 00
English. Rooted cuttings.....		1 50	14 00
2 1/4-in. pots.....	1 75	6 00	55 00
Miniature Leaf. Rooted cuttings.....		4 00	35 00
2 1/4-in. pots.....		15 00	
Hahn's Self-branching. Rooted cuttings.....		4 00	35 00
2 1/4-in. pots.....		10 00	90 00

Kalanchoe

	25	100
Coccinea globulifera. 2 1/4-in. pots.....	\$2 25	\$8 00
Tom Thumb. New. 2 1/4-in. pots.....	3 50	12 00

Marigold

Strong transplants

Lieb's Winter. Deep mahogany-bronze.....	2 00	7 50
Lieb's Winter Sunshine. Orange-yellow.....	2 25	8 00

Myosotis, Michell's Giant

WINTER-FLOWERING FORGET-ME-NOTS

The finest winter-flowering Myosotis in the market, producing large, deep blue flowers. Plant in September for flowering from November and all through the winter.

	25	100	1000
Strong, 2 1/4-in. pots.....	\$2 25	\$8 00	\$75 00

Palms

Kentia Forsteriana. Made-up plants. 4 plants in tub.			
7-in. tub, 36 to 38 inches high.....			Write for Prices
7-in. tub, 40 to 42 inches high.....			
8-in. tub, 46 to 48 inches high.....			
8-in. tub, 50 to 54 inches high.....			

ALL PRICES SUBJECT TO MARKET CHANGES



Hydrangea, Helen Merritt

You will need Poinsettias and Primulas for Christmas trade

Panamiga

This is a dainty new house plant from our sister republics in South America. Panamiga grows in tropical woods from Panama to Brazil and prefers medium shade. The leaves, of metallic gloss, change in color from olive-green to purplish bronze and are crinkled and hairy. The graceful flowers resemble fine white lace; they appear on the end of the little branches and partly cover the upper leaves. Panamiga has a very neat and compact growing habit and makes salable plants in record time.

How to Grow Panamiga. Grows in any light soil, likes rather dense shade and the same general conditions as *Philodendron cordatum*. During the summer it grows very well in a shaded frame outdoors. Give frequent applications of liquid plant-food. Not subject to insect trouble.

	100	1000
Strong rooted cuttings only.....	\$12 00	\$80 00

No orders for less than 50 plants

Pelargoniums

No orders filled for less than 25 plants of any variety

STANDARD VARIETIES

Beverly Hills	Glendale	Marie Vogel
Chicago Market	Grosma Fischer	Mrs. Mary Bard
Diener's Giant	Lois MacKay	Neuheit C. Faiss
Edith Cavell	MacKay No. 2	Pink Vogel
Elenore Rober	MacKay No. 4	Ruffled Rose
Flora Belle Clouse	MacKay No. 10	Ruth W. McAfee
Giant Venus	MacKay No. 12	Vera N. Watt
	MacKensen	
	12	100 1000
Rooted cuttings.....	\$1 50	\$10 00 \$95 00
2-in. pots.....	1 75	12 00
3-in. pots.....	2 30	16 00 150 00
4-in. pots.....	3 50	26 00

OTHER STANDARD VARIETIES

Azalea Easter Greeting Edith North Gardener's Joy	German Glory Ida Henley Lavender Queen Lucy Becker	Mrs. Loyal Orchid Edith North Springtime Sue Jarrett	
		12	100
Rooted cuttings	\$1 35	\$9 00	\$85 00
2-in. pots	1 60	11 00	105 00
3-in. pots	2 10	15 00	140 00
4-in. pots	3 35	25 00	

Plants travel best by Express. No Plants sent C. O. D.

Peperomia

	25	100
Sandersi (Watermelon Begonia). 2-in. pots.....	\$3 50	\$11 00
Obtusifolia 2½-in. pots.....	3 00	9 00
Obtusifolia variegata. 2½-in. pots.....	5 00	16 00

Philodendron

Cordatum. 2½-in. pots.....	3 00	11 00
Cordatum. 3-in. pots. 2 plants per pot.....	7 00	25 00

Pothos aureus

Excellent foliage plants for baskets and boxes. Foliage is golden mottled green.

	25	100
2½-in. pots.....	\$3 50	\$12 00

Primula

	100	1000
Obconica, Fashbender. Crimson. 2½-in. pots.....	\$8 00	\$70 00
Obconica, Mohnstein. Red. 2½-in. pots.....	8 00	70 00
Obconica, Mueller Rosea. Bright rose. 2½-in. pots.....	8 00	70 00
Obconica, Friesdorfer. Salmon. 2½-in. pots.....	8 00	70 00
Obconica alba. 2½-in. pots.....	8 00	70 00
Obconica, Apple-Blossom. Pink. 2½-in. pots.....	8 00	70 00
Obconica caerulea. Blue. 2½-in. pots.....	8 00	70 00
Obconica salmonea. 2½-in. pots.....	8 00	70 00
Malacoides Eriksoni, Baby Rose. 2½-in. pots.....	8 00	70 00
Malacoides Eriksoni, Brilliancy. 2½-in. pots.....	8 00	70 00
Malacoides alba. 2½-in. pots.....	8 00	70 00
Malacoides, Salmon Beauty. 2½-in. pots.....	8 00	70 00
Malacoides, Riverside. New.....	8 00	70 00

Poinsettia

Ready July to September

	100	1000
Oak-leaved. The best of all. 2½-in. pots.....	\$10 00	\$95 00
Mrs. P. Ecke. 2½-in. pots.....	11 00	105 00
Ruth Ecke. 2½-in. pots.....	11 00	105 00
Pink. 2½-in. pots.....	10 00	95 00
White. 2½-in. pots.....	10 00	95 00

Saintpaulia • African Violet

We offer extra-fine quality of this desirable pot-plant.

	25	100
Blue Boy. Violet-blue. 2-in. pots.....	\$4 00	\$12 00

	100	1000
Pink Beauty. Plant Patent No. 514. 2½-in. pots.....	\$10 00	\$150 00
No orders accepted for less than 100 plants		

Sansevieria

	25	100
Hahni, Compact Rosette type.		
2½-in. pots.....	\$5 50	\$20 00
3-in. pots.....	9 00	35 00
4-in. pots.....	13 00	50 00
Laurenti.		
2½-in. pots.....	5 00	16 00
Zeylanica, Rosette Type.	2 50	7 50
Erect Type.	2 50	7 00

Stevia

Double True Half Dwarf. 2½-in. pots.....	5 00	45 00
Pride of Cincinnati. 2½-in. pots.....	5 00	45 00

Succulents

	25	100
Standard Grade, Assorted Varieties. 2½-in. pots.....	\$2 50	\$8 00
Medium Grade, Assorted Varieties. 2½-in. pots.....	3 00	11 00
Select Grade, Assorted Varieties. 2½-in. pots.....	5 00	17 50

Tolmiea Menziesii • Piggy-Back Plant

Ideal for hanging pots and baskets.

	25	100
Strong Rooted Plants.	\$3 00	\$8 00

Vinca variegata

	100	1000
Clumps, field-grown.	\$10 00	\$90 00
Laver Plants.	3 00	25 00
Rooted Cuttings.	3 00	25 00
2½-in. pots.	7 00	65 00

Vitis • Grape Ivy

Rhombifolia. Evergreen vine; trifoliate leaves.	25	100
2½-in. pots.....	\$3 00	\$11 00
3-in. pots.....	7 50	27 50
4-in. pots.....	11 00	40 00

Seedlings

PANSY SEEDLINGS

Produced from **Mitchell's Giant Exhibition** strain of seed in choicest mixture of colors.

	100	500	1000
Mixed	\$1 75	\$4 00	\$7 00
Transplanted Plants.	2 50	7 00	12 00

MYOSOTIS SEEDLINGS

Alpestris, Victoria. Splendid stock..... 1 50 6 00 10 00

DAISY OR BELLIS PERENNIS SEEDLINGS

In Monstrota or Giant-flowering type

White, Pink and Red, each separate..... 2 00 5 00 8 00

Not less than 100 seedlings of a kind sold

These travel best by Parcel Post. Add 20c per 100 for postage

ALL PRICES SUBJECT TO MARKET CHANGES

Michell's Hardy Perennial Plants

FOR ROCK-GARDENS, LANDSCAPING, CUT-FLOWERS, AND HOME-GARDENS

All Perennials Offered on the Following Pages Are Field-Grown Plants, Except Where Noted.
Use Perennials for Summer Cutting, for Forcing in the Winter, and for Landscaping and Rockeries.

	10	100
ACHILLEA, Perry's White. Double; white.....	\$1 50	\$10 00
Millefolium, Kelway's roseum.	1 25	8 00
ALYSSUM argenteum.	1 50	10 00
Saxatile compactum. Golden yellow.....	1 50	10 00
Saxatile, Silver Queen.	1 50	10 00
ARABIS alpina fl.-pl. Double; white.....	2 00	15 00
Alpina, Rosabella.	2 00	15 00
ARTEMISIA		
Lactiflora. Creamy white.....	1 50	10 00
Silver King. Silver stems and foliage.....	1 50	12 00
Silver Queen. Silver foliage.....	1 50	10 00
ASCLEPIAS tuberosa. Orange-scarlet.....	1 50	10 00
ASTER, Beechwood Challenger.	2 00	15 00
Harrington's Pink.	2 50	20 00
Hilda Ballard.	2 00	15 00
Palmyra.	2 50	20 00
Star of Eisenach.	2 50	20 00
Star of Wartburg.	2 00	15 00
Strawberries and Cream.	2 00	15 00
BUDDLEIAS		
Orchid Beauty. Cattleya-lilac.....	2 50	20 00
Pink Charming. Lavender-pink.....	2 00	15 00
Royal Red.	3 00	25 00
CENTAUREA		
Macrocephala. Golden yellow.....	1 75	12 50
Montana. Violet-blue.....	1 50	10 00
COREOPSIS lanceolata grandiflora. Yellow.....	1 25	8 00
New Double Sunburst.	1 75	12 50
DELPHINIUM, Belladonna, Improved. 1-yr.....	1 50	9 00
2-yr.....	1 75	12 00
Bellamosum. 1-yr.....	1 50	9 00
2-yr.....	1 75	12 00
Blackmore & Langdon Hybrids. 1-yr.....	1 50	10 00
2-yr.....	2 00	15 00
Giant California Hybrids.	2 00	15 00



Delphinium, Giant California Hybrids

	10	100
DIELYTRA eximia.	\$1 75	\$12 00
Spectabilis. Bleeding-Heart; Dicentra. Heart-shaped red flowers. Excellent for forcing.....	3 00	25 00
DIGITALIS, Isabellina.	1 50	10 00
DORONICUM excelsum. Yellow.....	2 00	15 00
EUPATORIUM		
Cælestinum. Lavender-blue.....	1 50	10 00
GYPHOPHILA, Bristol Fairy. Double; white.....	3 00	25 00
Paniculata. White.....	1 25	8 00
Repens. White and pink. Separate colors.....	1 25	8 00
HELIANTHUS, Coronation.	2 00	15 00
Loddon Gold.	2 00	15 00
HELIOPSIS, Double Lemoine Strain.	1 50	10 00
Scabra patula. Orange-yellow.....	2 00	15 00
Scabra vitellina. Double; golden yellow.....	2 00	15 00
Scabra zinniaeflora. Semi-double; yellow.....	1 50	10 00
HEUCHERA, Matin Bells. Rosy pink.....	2 50	20 00
Pink Pearl. Old-rose color.....	2 50	20 00

Iris germanica

Amber. Rich yellow.....	60	5 00
Black Magic. Deep blackish violet; blue beard.....	1 50	10 00
Black Wings. Soft deep violet.....	1 50	10 00
Carcamet. Light yellow.....	1 00	7 00
Gudrun. Finest white.....	1 50	10 00
Harpalion. Lavender.....	60	5 00
Jean Cayeux. Havana.....	1 75	12 00
Loreley. Marine-blue, bordered yellow.....	60	5 00
Pluie d'Or. Brilliant yellow.....	2 00	15 00
Rozanna. Pinkish lilac.....	60	5 00
Zada. Pure white.....	1 00	7 00

Iris Kaempferi

Astarte. Double; dark violet.....	2 00	15 00
Eumes. Single; dark violet.....	1 50	10 00
Gold Bound. Fine double; pure white.....	2 00	15 00
Hercule. Double; clear lilac.....	1 50	10 00
Kagaribi. Lavender with yellow spot.....	2 00	15 00
Koko-no-iro. Purple and gold.....	2 00	15 00
Mahogany. Purplish mahogany-red.....	2 00	15 00
Proserpine. Single; rich blue on white.....	1 50	10 00
Rose Anna. Double; ivory-white, ruby-red veins.....	2 00	15 00
Violet Ray. Violet-red.....	2 00	15 00
William Tell. Cream-white with lilac.....	2 00	15 00

LATHYRUS latifolius, Pink Beauty.	1 50	10 00
Latifolius, Red.	1 50	10 00
Latifolius, White Pearl.	1 50	10 00

LIATRIS elegans. White and rose.....	2 00	15 00
Scariosa. Purple.....	1 50	10 00
September Glory. Purple.....	2 00	15 00

LYCHNIS Viscaria fl.-pl.	2 00	15 00
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LYTHRUM, Bonny Pink.	2 00	15 00
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PAPAYER ORIENTALE

Beauty of Livermore. Dark crimson.....	1 75	12 00
Jeanne Mawson. Bright pink.....	2 50	20 00
Olympia. Double; flame-scarlet.....	1 75	12 00
Oriente. Large; crimson-scarlet.....	1 75	12 00
Perfection. Shell-pink.....	2 50	20 00
Mrs. Perry. Salmon-pink.....	1 75	12 00
Wurtembergia. Dark scarlet.....	1 75	12 00

All plants travel at buyer's risk
No orders sent C. O. D.

ALL PRICES SUBJECT TO MARKET CHANGES

HENRY F. MICHELL CO.

Phlox stands among the half-dozen most popular perennials



Michell's Peonies

A Select List of the Best Varieties

The divisions of varieties listed are of 3 to 5 eyes from two-year-old clumps, with balanced roots, free from disease, and absolutely true to name.

	10	100
Alexandre Dumas. Brilliant pink.....	\$2 00	\$16 00
Felix Crousse. Medium bright red.....	2 00	15 00
Germaine Bigot. Excellent pink.....	2 00	15 00
Karl Rosenfield. Pure rich crimson.....	2 00	15 00
La Perle. Lilac-white.....	2 50	20 00
Marie Jacquin. White.....	2 50	20 00
Mme. Ducl. Silvery pink.....	2 00	15 00
Mons. Jules Elie. Glossy lilac-pink.....	2 75	22 50
President Roosevelt. Brilliant red.....	2 50	20 00
Princess Beatrice. Large; violet-rose, cream-white collar.....	2 25	18 00

Hardy Phlox • Phlox decussata

Africa. Carmine-red, with blood-red eye.....	1 50	10 00
Beacon. Brilliant cherry-red.....	1 50	10 00
Blue Hill. The nearest to blue in Phlox.....	1 50	10 00
Bridesmaid. Pure white; crimson-carmine eye.....	1 50	10 00
Lillian. Pure pink.....	1 75	12 50
Mary Louise. Pure white.....	2 00	15 00
Miss Lingard. Pearly white.....	2 00	15 00

PHLOX SUBULATA

Alba, Blue, Lavender, Pink.....	1 50	10 00
PRIMULA japonica. Mixed shades.....	1 50	10 00
Officinalis. Yellow.....	2 00	15 00
Giant Crimson.....	2 00	15 00
Giant Hybrids.....	2 00	15 00
Giant Yellow.....	2 00	15 00
Giant White.....	2 00	15 00
Veris Hybrids.....	2 00	10 00
Vulgaris. Yellow.....	1 50	10 00

ALL PRICES SUBJECT TO MARKET CHANGES

Michell's Roses

We supply extra-strong, 2-year-old budded stock, strictly A No. 1 Grade. Ready November and December.

EVERBLOOMING HYBRID TEA ROSES

Autumn. Orange.	Mme. Jules Bouche. White.
Condesa de Sastago. Copper-scarlet and gold.	Mrs. P. S. du Pont. Rich reddish gold opening to a deep golden yellow.
Dame Edith Helen. Pink.	Mrs. Charles Bell. Pink.
Edel. White with ivory shading.	Mrs. E. P. Thom. Yellow.
E. G. Hill. Scarlet.	Pink Dawn. Deep rose-pink with orange base.
Golden Dawn.	Radiance. Pink.
Joanna Hill. Yellow.	Red Radiance. Cerise.
Kaiserin A. Viktoria. White.	Sister Therese. Rich daffodil-yellow.
Margaret McGredy. Orange-scarlet.	Talisman. Yellowish copper.
McGredy's Scarlet.	

HYBRID PERPETUAL ROSES

Frau Karl Druschki. White.	Mme. Albert Barbier. Large; salmon-yellow.
Henry Nevard. Crimson-scarlet.	Mrs. John Laing. Light pink.
Magna Charta. Rose-pink.	Paul Neyron. Rose-pink.

Prices of above, per 10, \$4.00; per 100, \$35.00

POLYANTHA ROSES

Dagmar Spaeth. Large pure white trusses.	Mrs. R. M. Finch. Rosy pink.
Gloria Mundi. Orange-scarlet.	Orange Triumph. Double; rich scarlet-orange.
Golden Salmon. Orange.	Triomphe d'Orleans. Cherry-red.
Ideal. Crimson.	
Lafayette. Red.	

Prices of above, per 10, \$4.50; per 100, \$37.50

CLIMBING ROSES

Climbing American Beauty. Rose.	Jacotte. Yellow.
Dr. W. Van Fleet. Pink.	Paul's Scarlet. Red.
Emily Gray. Yellow.	Silver Moon. White.

Prices of above, per 10, \$4.50; per 100, \$37.50



Rose-Garden at Hershey

Michell's Grass Seed Mixtures

Price should not be the prime consideration when buying Grass Seed. Low-quality seed may be the cause of endless trouble, in addition to setting the result of expensive labor and preparation at naught.

Our connections with the most reliable producers in this country and abroad place us in a position of advantage for our supplies, chiefly because of the large volume of Grass Seed for which we contract.

We are always pleased to submit samples, with prices, for comparison and let our customers be the judge.

For the Lawn

Michell's Clover Lawn. Mixed with a most liberal quantity of best re-cleaned white clover. Especially suited to take firm hold and grow quickly on hard, worn-out, or burned spots; excellent for seashore lawns. Lb. 55c.; 3 lbs. \$1.55; 5 lbs. \$2.50; 10 lbs. \$4.85; 25 lbs. \$11.75; 100 lbs. \$44.00.

Michell's Top-Notch. The top-notch of quality. A perfectly blended combination of quick-growing, very compact, fine-bladed grasses that will produce a perfect lasting turf in a few weeks. 5 lbs. \$2.50; 10 lbs. \$4.85; 25 lbs. \$11.75; 100 lbs. \$44.00.

Michell's Superior Bent. This mixture is composed of the finest grasses obtainable, consisting chiefly of the leading Bent varieties. We recommend sowing this formula at the rate of 1 pound to 300 square feet. Lb. 70c.; 5 lbs. \$3.30; 10 lbs. \$6.50; 25 lbs. \$15.75; 100 lbs. \$60.00.

Michell's Green Velvet. Produces a perfect lawn in four to five weeks' time. Lb. 45c.; 3 lbs. \$1.30; 5 lbs. \$2.10; 10 lbs. \$4.00; 25 lbs. \$9.75; 100 lbs. \$36.00.

Michell's Evergreen. The standard lawn mixture. Lb. 35c.; 3 lbs. \$1.00; 5 lbs. \$1.65; 10 lbs. \$3.25; 25 lbs. \$7.75; 100 lbs. \$28.00.

Michell's Fairmount Park Lawn. Very satisfactory mixture for general lawn-making. Lb. 30c.; 3 lbs. 80c.; 5 lbs. \$1.30; 10 lbs. \$2.50; 25 lbs. \$5.75; 100 lbs. \$20.00.

Michell's Greendel Lawn Seed. A quick-growing formula, producing a very satisfactory turf. Recommended for landscape work where price is an important consideration. 5 lbs. \$1.15; 10 lbs. \$2.25; 25 lbs. \$5.00; 100 lbs. \$18.00.

For the Farm

Michell's Permanent Pasture Grass Seed. Sow 80 to 100 pounds per acre on new lands or 40 to 50 pounds per acre on established pastures. 5 lbs. \$1.80; 10 lbs. \$3.50; 25 lbs. \$8.25; 100 lbs. \$30.00.

Michell's Permanent Hayfield Grass Seed. Sow 80 to 100 pounds per acre on new lands or 40 to 50 pounds per acre on established fields. 5 lbs. \$1.65; 10 lbs. \$3.25; 25 lbs. \$7.75; 100 lbs. \$28.00.

High-Grade Farm Seeds

We carry a complete line of all Clovers and miscellaneous Farm Seeds which are too numerous to list here. Constant market fluctuations on Farm Seeds make it inadvisable to list prices. We will be pleased to quote on application. Please specify quantity required.

Prices for larger quantities of Grass Seed on application

Michell's Reliable Grass Seeds. Separate Varieties

All Strictly Re-cleaned and Carefully Tested for Purity and Germination

On account of market fluctuations on many varieties of grass seeds, prices on larger quantities than those named will be quoted on request.

Bent Grass, Certified Seaside (*Aristis maritima*). Very highest quality, certified and sealed in 50- and 100-pound bags by the Oregon Department of Agriculture. True creeping variety of Bent; makes an ideal putting-green turf. Lb. \$1.50; 10 lbs. \$10.00.

Bent Grass, Astoria. Lb. \$1.60; 10 lbs. \$11.50.

Bent Grass, Colonial (*A. tenuis*; *A. capillaris*). Lb. \$1.60; 10 lbs. \$11.50.

Bent, Velvet (*A. canina*). The finest textured of all the turf grasses. **Raritan.** Lb. \$3.50.

Bermuda Grass (*Cynodon Dactylon*). Price on application.

Blue Grass, Kentucky (*Poa pratensis*).

Fancy. Lb. 45c.; 10 lbs. \$3.75.

Superfine. Lb. 50c.; 10 lbs. \$4.00.

Blue Grass, Canada (*P. compressa*). Lb. 55c.; 10 lbs. \$5.00.

Fescue, Chewy's New Zealand, Imported (*Festuca rubra fallax*).

Lb. \$1.00; 10 lbs. \$8.00.

Fescue, Genuine Red Creeping (*F. rubra*). Lb. \$1.00; 10 lbs. \$8.00.

Fescue, Meadow (*F. pratensis*). Lb. 60c.; 10 lbs. \$5.00.

Special Instructions

All Standard Lawn and Grass Seed Mixtures are sold as follows:

1 lb.	5 lbs.	25 lbs.
3 lbs.	10 lbs.	100 lbs.

White Dutch Clover

Choice re-cleaned seed for lawn use. Lb. \$1.10; 5 lbs. \$5.00; 10 lbs. \$9.50; 25 lbs. \$23.00; 100 lbs. \$90.00.

For Special Conditions

Michell's Shaded Lawn. Will produce a perfect sward in the most densely shaded places. Lb. 45c.; 3 lbs. \$1.30; 5 lbs. \$2.10; 10 lbs. \$4.00; 25 lbs. \$9.75; 100 lbs. \$36.00.

Michell's Terrace or Embankment. A mixture of long-rooted grasses that hold soil and prevent washouts, unless too steep. Lb. 45c.; 3 lbs. \$1.30; 5 lbs. \$2.10; 10 lbs. \$4.00; 25 lbs. \$9.75; 100 lbs. \$36.00.

Michell's Seashore Formula. Contains grasses that thrive in salt-air regions and seashore resorts. Lb. 45c.; 3 lbs. \$1.30; 5 lbs. \$2.10; 10 lbs. \$4.00; 25 lbs. \$9.75; 100 lbs. \$36.00.

Michell's Special Sod. Produces a heavy sod in a short time. Excellent for cemetery use. Lb. 45c.; 3 lbs. \$1.30; 5 lbs. \$1.90; 10 lbs. \$3.75; 25 lbs. \$8.75; 100 lbs. \$32.00.

Michell's Southern States Evergreen. Made up especially for dry, hot localities. Lb. 35c.; 3 lbs. \$1.00; 5 lbs. \$1.65; 10 lbs. \$3.25; 25 lbs. \$7.75; 100 lbs. \$28.00.

If Grass Seeds are wanted by Parcel Post, add for postage as follows: 10c. per 1 lb.; 12c. per 3 lbs.; 15c. per 5 lbs.; 20c. per 10 lbs. Prices quoted are for 1st and 2d zones. Larger quantities by Express or Freight.

For Pleasure Grounds

Michell's Athletic Field Mixture. A special mixture of deep-rooting, fine-leaved grasses suited for baseball, football and cricket-grounds. 5 lbs. \$1.90; 10 lbs. \$3.75; 25 lbs. \$8.75; 100 lbs. \$32.00.

Michell's Fairways (Golf-Course) Mixture. Composed of short-growing, deep-rooted varieties, resisting plenty of wear. Golf-courses, to retain their permanency, should receive additional sowings all season. 5 lbs. \$1.90; 10 lbs. \$3.75; 25 lbs. \$8.75; 100 lbs. \$32.00.

Michell's Putting Greens Mixture. A quick-growing mixture of short, thin-bladed grasses, producing a turf of velvety texture. We recommend 100 pounds to a green 100 feet square. Lb. 75c.; 5 lbs. \$3.60; 10 lbs. \$6.80; 25 lbs. \$16.50; 100 lbs. \$64.00.

Michell's Tennis Court Mixture. A special combination of grasses that will withstand close mowing, frequent rolling, and heavy wear. 5 lbs. \$3.00; 10 lbs. \$5.75; 25 lbs. \$13.75; 100 lbs. \$52.00.

ALL PRICES SUBJECT TO MARKET CHANGES

Michell's Vegetable Seed for the Florist and Market Gardener

BEET

Crimson Globe. 55 days. Medium size, generally about 3 inches in diameter, very handsome in shape, a little deeper than round, with a smooth, even surface. The flesh is deep crimson, ringed and zoned in varying shades. It is exquisitely tender, and delicious in flavor. Oz. 30c.; 1/4lb. 90c.; 1/2lb. \$1.75

Early Wonder. 52 days. An extra-early, globe-shaped variety of good size, smooth, handsome, dark blood-red and of excellent quality. Desirable sort for canning. Oz. 30c.; 1/4lb. 90c.; 1/2lb. \$1.75

BROCCOLI

Early Green Calabrese. 60 days. Produces a large head at center of plant. After the green head is cut from the main stalk, new sprouts develop into smaller heads fully as desirable as those first produced. 1/2oz. 50c.; oz. 75c.; 1/4lb. \$2.25

BRUSSELS SPROUTS

Michell's Mammoth Fancy. 90 days. We have an exceptionally fine strain of these Sprouts. Compact, dwarf type, having stems covered with fancy, solid Sprouts. 1/2oz. 85c.; oz. \$1.50; 1/4lb. \$4.50

Long Island Half-Dwarf. 90 days. Compact heads. Very productive. 1/2oz. 85c.; oz. \$1.50; 1/4lb. \$4.50

CABBAGE

Extra Early Jersey Wakefield. 63 days. Uniform, pointed heads. Outer leaves form a protection for the heads, permitting it to be set out earlier than other sorts. 1/2oz. 50c.; oz. 90c.; 1/4lb. \$3.25; lb. \$10.00

Charleston or Large Wakefield. 74 days. Similar to Extra Early Jersey Wakefield, but the heads are more blunt, grow almost twice the size, and mature one week later. 1/2oz. 50c.; oz. 90c.; 1/4lb. \$3.25; lb. \$10.00

CARROT

Chantenay Half-Long. (Special Strain.) 72 days. Selected for earliness and uniformity, its tenderness and fine flavor have proved it a superior stock. A stump-rooted, orange-scarlet variety, 5 inches long, with tender, fine-grained flesh. Especially desirable for market or home use. Oz. 50c.; 1/4lb. \$1.75; lb. \$6.00

Coreless or Nantes Half-Long. 70 days. One of the finest medium-sized sorts. Roots blunt-pointed, smooth, bright orange, and of excellent quality. Oz. 50c.; 1/4lb. \$1.75; lb. \$6.00

CAULIFLOWER

Super-Snowball. 55 days. A highly desirable main-crop variety; also used for early planting. Starts heading early and uniformly. Heads medium large, compact, very white. Much used by produce growers and shippers. 1/4oz. \$1.50; 1/2oz. \$2.75; oz. \$4.50

Snowdrift. 55 days. One of the best varieties for shipping long distances. Plant of medium height with upstanding, medium green outer leaves. Head slightly larger than Snowball, firm, solid, very white, well protected by inner folding leaves. 1/4oz. \$1.50; 1/2oz. \$2.75; oz. \$4.50

CHICORY

Witloof or French Endive. 145 days. Produces solid, oblong heads and blanches ivory-white. When lifting, cut whole head with a part of the roots, to hold the leaves together. It is considered a splendid winter salad. Oz. 60c.; 1/4lb. \$1.75; lb. \$6.00

CUCUMBER

Michell's Forcer. 72 days. Extra long, dark green, fine quality. Handled properly will average 2 3/4 inches in diameter and 15 inches in length. Suitable for both greenhouse forcing and outdoor culture. Quality and color stand up well in transit. Oz. 50c.; 1/4lb. \$1.50; lb. \$5.00

A. & C. Cuke. 67 days. A proved leader for both home-garden and market garden use. Fruits nearly cylindrical, 2 3/4 inches in diameter, 9 to 11 inches in length. Seed cavity exceptionally small. Very good slicer. Oz. 30c.; 1/4lb. \$1.00; lb. \$3.50.

Early Market. 60 days. A new dark green variety of uniform shape and size, averaging 8 inches in length. Excellent for slicing. Oz. 30c.; 1/4lb. \$1.00; lb. \$3.50.

LETTUCE

Grand Rapids. 43 days. The leading variety in this class for forcing under glass, but may also be grown successfully outdoors. Leaves are very curly, crisp and brittle. Oz. 30c.; 1/4lb. 75c.; lb. \$2.25

May King. 63 days. The first solid head Lettuce to mature outdoors. It is of good size, with tender, full heart. Suitable for sowing under sash in early spring. Oz. 30c.; 1/4lb. 85c.; lb. \$2.75

Boston Market (White-seeded Tennisball.) 73 days. Early, small heading variety. One of the best for forcing. Oz. 30c.; 1/4lb. 85c.; lb. \$2.75

ONION

Prizetaker. 105 days. If sown thinly produces full-sized Onions in one season from seed, rivaling the Bermuda varieties for size and flavor, often weighing 3 pounds or more each. Oz. 80c.; 1/4lb. \$2.50; lb. \$9.00.

PARSLEY

Double Curled or Covent Garden. 70 days. Nicely curled leaf which retains its green color the entire season. Best variety for the market garden. Oz. 20c.; 1/4lb. 50c.; lb. \$1.50

Peerless. 84 days. A fine selection of the Moss Curled type. This strain is very hardy and remains deep green when other varieties have turned yellow. Right length for bunching. Oz. 20c.; 1/4lb. 50c.; lb. \$1.50

RADISH

Cavalier. 23 days. A very fine greenhouse stock of Scarlet Globe type. Roots are deep globe shape, bright scarlet, thin taproot and a uniform bulber. Flesh firm and crisp, stays in eating condition longer than similar types. Top short but long enough for bunching. 1/4lb. 50c.; lb. \$1.25; 5 lbs. \$5.00

Michell's 25-day Scarlet Forcer. Special Forcing. A popular variety for hotbed or greenhouse; also valuable for outdoor planting. Very early, crisp, and mild. 1/4lb. 50c.; lb. \$1.25; 5 lbs. \$5.00

TOMATO

Michell's No. 1 Forcing. This outstanding forcing Tomato was originally selected from the progeny of a cross between Marglobe and Cooper's Special. We offer a three-year hill-selected pedigree stock. The finest medium-sized scarlet Tomato available for forcing. Pkt. \$1.00; 1/2oz. \$3.00; oz. \$5.00

Michell's No. 2 Forcing. Originating from a cross between Marvel and Globe, this is also a very fine forcing type. Will average larger fruits than the No. 1 Forcing. A prolific bearer of medium to large scarlet fruits, the last word in uniformity. Pkt. \$1.00; 1/2oz. \$3.00; oz. \$5.00

Rutgers. (Special Strain.) 78 days. Has the same size, color and shape as Marglobe, except that it is somewhat flatter at the stem end. A good feature of this variety is its deep red color inside. 1/2oz. 40c.; oz. 75c.; 1/4lb. \$2.50

ALL PRICES SUBJECT TO MARKET CHANGES

Michell's "Distinctive" Flower Seeds

"Distinctive" Strains of Flower Seeds for the florist are one of our specialties, and no trouble or expense is spared in our endeavor to supply only the best and most improved strains, from both home and foreign growers.

For full descriptions see our Retail Catalog, a copy of which will be mailed free upon application.

NOTE—Half trade packets are supplied only where listed; where smaller quantities are wanted, retail packets may be ordered at a discount of 33⅓ per cent from our Retail Catalog prices.

Deduct 5% discount on Flower Seeds only if cash accompanies order

Seeds of Annuals and Greenhouse Plants

ANTIRRHINUM • Snapdragon

SPECIAL FORCING VARIETIES

	½ trade pkt.	Trade pkt.	3 Trade pkts.
* Afterglow. Golden bronze.....		\$1 00	\$2 50
* America. (Hodaly.) A beautiful cerise-rose and gold. True. Early flowering.....		1 50	4 00
* Bertha Baur. (Schumann.) Lavender or orchid.....		1 50	4 00
Bertha Baur. Lavender or orchid.....		1 00	2 50
* Bronze Queen. (Somerset.) Light bronze..		1 50	4 00
* Celestial. (Witterstaetter.) Early. Deep yellow.....		1 00	2 50
Ceylon Court. Canary-yellow.....	\$0 60	1 00	2 50
Ceylon Court Dark. Dark selection.....	60	1 00	2 50
* Cheviot Maid Supreme. (Windmiller.) Re- selected; coral-pink.....		1 00	2 50
Cheviot Maid Supreme. R.P. Rich coral- rose.....	60	1 00	2 50
Christmas Cheer. Early pink.....		1 50	4 00
* Cincinnati. <i>New.</i> (Witterstaetter.) Light rose-pink.....		1 00	2 50
Coate's Yellow Perfection. Deep yellow..	60	1 00	2 50
* Crimson Queen. (Rockwood.) Velvety crimson or deep scarlet. Fairly early.....		2 00	5 00
Ethel. Bright golden yellow. Finest early winter bloomer.....		1 50	4 00
* Gilbert's Pink Queen Supreme. Clear pink.		1 50	4 00
* Glorious. (Frank.) Bronzy scarlet.....		1 00	2 50
Glorious. Bronzy scarlet.....		1 00	2 50
* Jersey Maid. (Schnitzspahn.) Early. Me- dium pink.....		2 00	5 00
Klondyke Supreme. New. Deep golden yel- low. Early. Extra fine.....		1 00	2 50
* Koester's White. Early. Pure white.....		1 50	4 00
La France. Ruffled, satiny pink. Excellent strain.....		1 50	4 00
* Lucky Strike. Large-flowering white.....	60	1 00	2 50
* Maiden's Blush. (Thomson.) Apple-blos- som-pink.....		1 00	2 50
* Marie Louise. (Raasch.) Seashell-pink....		2 00	5 00
* Marion White. (Schumann.) A real white..		1 50	4 00
Peggy Schumann. Clear, bright pink.....		2 00	5 00
* Radiance. (Thomson.) Large-flowering rose- pink.....		1 00	2 50
Rose Queen. Dark pink.....	60	1 00	2 50
* Schaffroth's Early Pink. Beautiful rose-pink		2 00	5 00
* Schumann's Yellow. Clear bright yellow..		2 00	5 00
Snow White. Late white for Easter.....		1 00	2 50
* St. Louis Pink. (Rowe.) Early. Silvery pink		1 50	4 00
Sunlite. Extra early. Golden bronze.....		1 00	2 50
Sun Tan. Rose-tan.....	60	1 00	2 50
* Talisman. (Windmiller.) All-double bronze.		2 00	5 00
* Terry's Surprise. Improved. Rose shaded bronze.....		1 50	4 00
Velvet Beauty. American-beauty red.....		1 00	2 50
* Westover's White. (Windmiller.) Early. Fringed white.....		2 00	5 00
* White Prosperity. (Schneider.) Clear white		1 50	4 00
White Rock. Early pure white.....		50	1 25
White Wonder. Improved. Long-stemmed pure white.....		1 00	2 50
Yellow Wonder. Extra-early flowering.....		1 50	4 00
Michell's Special Forcing Mixed.		75	2 25

Half trade packets can be supplied only where listed

Note: Varieties marked (*) are in original grower's packets

ALL PRICES SUBJECT TO MARKET CHANGES



Forcing Antirrhinum

Asparagus plumosus nanus

This has been one of our specialties for many years. Our seeds are of high germination and will produce extra-fine stock.

Greenhouse-grown Seeds.

100 seeds.....	\$0 50	5,000 seeds.....	\$16 00
1,000 seeds.....	3 50	10,000 seeds.....	28 00

Lathhouse-grown Seeds.

100 seeds.....	\$0 30	5,000 seeds.....	\$6 00
1,000 seeds.....	1 50	10,000 seeds.....	11 00

Asparagus Sprengeri

100 seeds.....	\$0 30	5,000 seeds.....	\$6 00
1,000 seeds.....	1 50	10,000 seeds.....	11 00

Larger quantities of Asparagus seed quoted on application

Seeds of Hardy Perennials are offered on pages 25 to 27

Begonia semperflorens

As bedding plants there is nothing more satisfactory; also fine as pot-plants. Seeds sown in January make excellent flowering plants in May.

DARLING. The plants are of ball shape and dwarf habit, growing approximately 8 inches high. Flowers are large and of a very brilliant carmine-rose. This variety is most effective for beds and borders and is also well adapted for growing in pots. $\frac{1}{2}$ trade pkt. 75c.; trade pkt. \$1.25; $\frac{1}{4}$ oz. \$2.25.

Albert Martin. Bright carmine. Trade pkt. $\frac{1}{2}$ oz. \$0 75 \$2 00

Christmas Cheer. An excellent variety for growing in pots. Bright crimson-scarlet. Fine for Christmas forcing. 1 00 3 00

Christmas Pink. Identical to preceding, but color is warm rose-pink. $\frac{1}{4}$ oz. \$3.00 1 00

Erfordia. Pink. 50 1 50

Glow. Dark red flowers. Foliage light bronze. 1 00 2 50

Ile de France. *Nou.* Undoubtedly the finest white. The foliage is light green and the flowers are $1\frac{1}{2}$ to $1\frac{3}{4}$ inches across. Pure white with bright yellow stamens; compact form. $\frac{1}{4}$ oz. \$2.00 1 00

King of the Reds. Very dwarf. Scarlet. $\frac{1}{4}$ oz. \$2.25 1 00

Masterpiece. We believe this to be the largest flowered fibrous-rooted Begonia. Flowers are a clear rose-pink and completely cover the foliage. $\frac{1}{4}$ oz. \$3.00 1 00

Scandinavia. Large-flowered pink. Excellent pot variety for winter flowering. $\frac{1}{4}$ oz. \$3.00 1 00

Vernon. Deep red. $\frac{1}{2}$ oz. \$1.00 50

Choice Mixed. $\frac{1}{2}$ oz. \$1.25 50

Begonia gracilis

Carmen. Pink flowers. Bronze foliage. $\frac{1}{4}$ oz. \$2.25 \$1 00

Luminosa. Fiery dark scarlet. 1 00

Prima Donna. Rose, shading to carmine. 1 00

Rosea. Pink. 50 \$1 25

White Pearl. Rich, fine white flowers. 1 00 2 50

Calceolaria

New Calceolaria, MICHELL'S RAMONA

This is a Hybrida grandiflora nana type which we are introducing, and we are convinced that it will become very popular with the florists. It is an exceptionally free-flowering variety of dwarf, compact habit. The flowers are large, well shaped, and beautifully tigered, and the mixture contains a fine range of colors in bronze, yellow, and red. An excellent pot-plant for Easter sales. $\frac{1}{2}$ trade pkt. 85c.; trade pkt. \$1.50; $\frac{1}{4}$ oz. \$5.00.

Albert Kent Hybrids. An excellent English variety for either greenhouse culture or outdoors. Medium-sized flowers in an excellent mixture. $\frac{1}{4}$ oz. \$2.25 \$0 60 \$1 00

Hybrida grandiflora. Choice mixture. $\frac{1}{4}$ oz. \$2.50 60 1 00

Hybrida grandiflora compacta. Dwarf; $\frac{1}{4}$ oz. \$2.50 60 1 00

Multiflora nana hybrida. Free-flowering type, with average-sized blooms about $1\frac{1}{2}$ inches in diameter, in a choice mixture of orange, gold and lemon colors, beautifully spotted. 1 ft. $\frac{1}{4}$ oz. \$4.25 60 1 00

Calendula • Pot Marigold

MICHELL'S SUNBEAMS. An exclusive Michell's Novelty. This is a very choice florists' cut-flower—an exquisite blending of many delightful shades and color combinations. $\frac{1}{4}$ oz. 60c. \$0 40 \$2 00 \$6 50

MICHELL'S SPECIAL FORCING ORANGE. An extra-fine strain. Very large, double flowers of deep orange. Excellent for forcing. 30 1 00 3 00

Ball Gold. An extra long-stemmed, deep golden yellow. $\frac{1}{4}$ oz. 60c. 40 2 00 6 50

Ball Lemon Queen. Medium deep yellow, with a dark brown center. $\frac{1}{4}$ oz. 60c. 40 2 00 6 50

Ball Long Orange. Long-stemmed; orange with light center. $\frac{1}{4}$ oz. 60c. 40 2 00 6 50

Ball Orange. Large, double, glowing orange flowers on long stems. $\frac{1}{4}$ oz. 60c. 40 2 00 6 50

Ball White. Soft creamy yellow. $\frac{1}{4}$ oz. 60c. 40 2 00 6 50

Ball Mixture. $\frac{1}{4}$ oz. 50c. 30 1 50

Campfire (Sensation). Brilliant orange with scarlet sheen; yellow center. $\frac{1}{4}$ oz. 60c. 40 2 00 6 50

Chrysanth, Sunshine. Clear buttercup-yellow, long loosely arranged petals. 20 75 2 00

Orange Shaggy. Petals long and deeply fringed or lacinated, deep orange. 20 75 2 00



Calceolaria, Michell's Ramona

Candytuft • Iberis

Michell's Giant White. Produces immense spikes of pure white bloom and is a superior strain. The best for forcing under glass for cutting and for pot-culture. Trade pkt. 20c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.25; $\frac{1}{2}$ lb. \$4.00; lb. \$7.50.

	Trade pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Lavender.	\$0 15	\$0 45	\$1 20	\$4 00
Pink. Flesh-color.	15	45	1 20	4 00
Purple.	15	45	1 20	4 00
Rose-Cardinal. Rosy red.	20	60	2 00	6 00

Centaurea Cyanus • Cornflower

SPECIAL FLORISTS' SUPER-GIANT STRAIN. Blooms are fully double, with clear colors and long stems, making this strain an extra-fine one for florists' cut-flower purposes.

	Trade pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Blue Boy. Deep corn flower-blue.	\$0 15	\$0 50	\$1 60	\$5 00
Pinkie. Clear deep pink.	15	50	1 60	5 00
Red Boy. The best deep red.	15	50	1 60	5 00
Snow Man. Pure white.	15	50	1 60	5 00
Choice Mixture.	15	50	1 60	5 00

Michell's Cinerarias

CREMER'S PRIZE STRAIN. Will-resistant

This excellent new strain is the result of a cross between Multiflora nana, Hybrida grandiflora, and Stellata. The flowers are larger than Multiflora. Plants very compact with small leaves. Choice mixed colors. Original trade pkt. \$1.50; $\frac{1}{4}$ oz. \$2.25; $\frac{1}{2}$ oz. \$4.00; $\frac{1}{4}$ lb. \$7.50.

SITER'S RAINBOW STRAIN, MIXED. Large flower-heads of medium size. Individual florets in an excellent color-range. Trade pkt. \$1.50; $\frac{1}{4}$ oz. \$2.50; $\frac{1}{2}$ oz. \$4.50.

MULTIFLORA, WEISSENSEER (WHITE SEA). A new variety with flowers almost twice as large as the regular Multiflora nana strain. It comes in a fine range of blue, rose, and red shades, with each flower having white-zoned center. Plants small-leaved and of dwarf habit. $\frac{1}{2}$ trade pkt. 75c.; trade pkt. \$1.25.

MULTIFLORA GRANDIFLORA MAXIMA. Flowers extra large and in a wonderful range of colors. Mixed colors only. $\frac{1}{2}$ trade pkt. 60c.; trade pkt. \$1.00; $\frac{1}{4}$ oz. \$2.25; $\frac{1}{2}$ oz. \$4.00.

HOWARD & SMITH'S STRAIN. A fine strain of large-flowering Hybrida grandiflora, large-leaved type, grown by a California specialist. Trade pkt. \$1.00; $\frac{1}{4}$ oz. \$3.00.

MULTIFLORA NANA, POTSDAM AND BERLIN MARKET STRAIN. Very dwarf and compact. Flowers of medium size. Mixed Colors. $\frac{1}{2}$ trade pkt. 60c.; trade pkt. \$1.00; $\frac{1}{4}$ oz. \$1.75; $\frac{1}{2}$ oz. \$3.25.

Medium Tall, Mixed. $\frac{1}{2}$ trade pkt. 60c.; trade pkt. \$1.00; $\frac{1}{2}$ oz. \$3.00.

Stellata hybrida, Mixed. Tall. Trade pkt. 50c.; $\frac{1}{4}$ oz. \$1.00.

ALL PRICES SUBJECT TO MARKET CHANGES

Sow Larkspurs for a brilliant display and desirable cut-flowers



Giant Imperial Larkspur, White King

Cyclamen

MICHELL'S GIANT SHOW

Note.—Smallest quantity available is 100 seeds of a variety. 250 seeds of one variety at 1000 rate; less than 250 seeds of one variety at 100 rate.

	100 seeds	1000 seeds
No. 3. Pure Rose.	\$1 80	\$16 00
No. 4. Rose of Marienthal. Bright pink.	1 80	16 00
No. 5. White with Carmine Eye.	1 80	16 00
No. 7. Bonfire. Brilliant scarlet.	2 40	21 00
No. 8. America. Salmon-scarlet.	2 50	23 00
No. 9. Improved Salmon-Rose.	2 25	20 00
No. 10. Glory of Wandsbek. Salmon-red.	2 25	18 00
No. 11. Rose of Zehlendorf. Salmon-pink.	2 25	18 00
No. 19. Lavender. Bright lavender.	1 80	16 00
Mixed Colors.	1 80	16 00
Rokoko, Mixed. Large flowers, beautifully fringed.	2 40	21 00

VOGT'S NEW DOUBLE FLOWERING

A distinct double flower of ten petals that comes 80 per cent true from seed. Will produce 30 per cent more blooms than the single types and also is larger.

	100 seeds	1000 seeds
Admiration. A beautiful salmon-rose with shaded eye.	\$3 50	\$25 00
Cerise Brilliant. Large flowers of a rich cerise-red.	3 50	25 00
Prosperity. Flaming rose with distinct silvery edging.	3 50	25 00
Rosea. Soft rose with coral cast, shading light at tips.	3 50	25 00
Mixed Colors.	3 50	25 00

Gypsophila • Baby's Breath

ELEGANS ALBA GRANDIFLORA. A fine, easily grown annual for cutting in six weeks.

Covent Garden Market (London Market). (Improved Strain.) Very large flowering, with 6 to 8 petals; pure white. We consider this the best variety.

	Oz.	1/4lb.	Lb.
Paris Market Strain. A popular standard sort. Very early.	5 lbs. \$10.00	\$0 25	\$0 75 \$2 25
	5 lbs. \$7.50	20	50 1 75

Elegans carminea. Bright carmine-rose.	50	1 50
Elegans rosea. Delicate pink.	50	1 50

Didiscus • Blue Lace Flower

Cærulea. IMPROVED STRAIN. Lavender-blue, lace-like flowers. Sow seed in September, transfer into small pots, and after 4 weeks plant in a bench, leaving 4 inches between the plants and 1 foot between the rows. Grow in a carnation house temperature. Trade pkt. 20c.; oz. \$1.00.

Larkspur

GIANT IMPERIAL

Identical in branching habit to the Giant Imperial Stock. Flowers very double. Plants of robust habit of growth. 3 to 4 ft.

PINK KING. *New.* Soft, warm salmon-rose. The florets are fully double, 2 inches across. Earliest flowering of all Larkspur.

LILAC KING. *New.* A true lilac shade. We believe this to be the best color in this ever-popular Giant Imperial Larkspur.

Blue Bell. Clear light blue.

Blue Spire. An intense deep Oxford-blue.

Carmine King. Rich carmine.

Coral King. Blush-pink.

Daintiness. Delicate pale lavender.

Exquisite Pink, Improved. An excellent improvement over the old type. Beautiful salmon-pink. Comes practically 100 per cent true.

Exquisite Rose. A beautiful rose-pink.

Gloria. Fine deep rose.

Lilac Queen. Rich lilac, shading lavender-blue.

Lilac Spire. Bright lilac.

Los Angeles. A fine variety. Rich salmon, overlaid with brilliant rose.

Miss California. Pale shaded salmon.

Pink Perfection. Lively shade of light pink. Large florets.

Sweet Lavender. Light lavender-blue.

White King. All-America Winner. Giant, pure white flowers on long spike.

White Spire. Pure white.

Mixed.

COCKADE VARIETIES

A new improved strain of base-branching Giant Imperial type. Symmetrical plants with longer flowering spikes.

	Trade pkt.	Oz.	1/4lb.	Lb.
Blue Cockade. A rich lilac-blue.	\$0 30	\$1 00	\$3 00	
Rose Cockade. Salmon-rose.	30	1 00	3 00	
Sapphire Cockade. Deep lilac.	30	1 00	3 00	
White Cockade. Pure white.	30	1 00	3 00	
Mixed.	30	1 00	3 00	

TALL BRANCHING STOCK-FLOWERED LARKSPUR

These grow about 4 feet high.

	Trade pkt.	Oz.	1/4lb.	Lb.
Dark Blue.	\$0 20	\$0 60	\$2 00	\$7 50
Exquisite. Soft pink.	20	60	2 00	7 50
Lilac.	20	60	2 00	7 50
Lustrous Carmine (Newport Pink).	20	60	2 00	7 50
Shell-Pink.	20	60	2 00	7 50
Sky-Blue.	20	60	2 00	7 50
White.	20	60	2 00	7 50
Mixed.	15	60	2 00	7 50

Leptosyne

An excellent, quick-growing annual for cutting. Trade pkt. Oz. **Maritima.** Lemon-yellow Marguerite-like flowers. 2 ft. \$0 20 \$0 75

Linaria

Fine for Pots

Fairy Bouquet, Mixed. Dwarf; large flowering; choice mixture. 25 1 35
Maroccana Hybrids, Mixed. Toadflax. Very showy annual. 1 ft. 15 60

ALL PRICES SUBJECT TO MARKET CHANGES

HENRY F. MICHELL CO.

Lupins are growing in popularity

Lupinus (Annual)

Very attractive and popular as a cut-flower. For an early crop, sow seed in September or October, pot up and later transfer to a solid bed. Allow from 12 to 14 inches between the plants. Grow in a temperature of 45° to 50°.

NEW HARTWEGI or KING (Novelty)

An improved strain, 3 to 4 feet high, with base-branching habit, each plant producing 4 to 6 spikes of bloom.

	Trade pkt.	Oz.
King Blue. Rich Oxford-blue.	\$0 20	\$0 60
King Sky-Blue. Clear light blue.	20	60
King White. Glistening pure white.	20	60
Choice Mixture.	20	60

STANDARD ANNUAL VARIETIES

	Trade pkt.	Oz.	1/4lb.
Pink.	\$0 15	\$0 50	\$1 50
Rich Blue.	15	50	1 50
Sky-Blue.	15	50	1 50
White.	15	50	1 50
Mixed.	15	40	1 25

Michell's Giant Pansies

The following list comprises the best of the new European creations and the popular American varieties.

MICHELL'S NEW GIANT CLIMBING. This strain is the result of careful selection of several leading varieties of winter-flowering Pansies, and we believe our stock to be the finest of its type. Its plants grow to a height of 3 feet and produce immense blooms on stems from 16 to 18 inches long. The colors are a pleasing blend of light and dark shades. Trade pkt. \$1.00; 1/2oz. \$2.50; 1/4oz. \$4.75

NEW PANSY, SUNSHINE ART SHADES. This new strain has been developed in a very free-flowering type that blooms exceedingly well during the hot summer months. When all other Pansies have faded because of the heat, this strain will continue to give an abundant quantity of flowers. The colors are a beautiful range of delightful bright pastel and art shades, containing many unusual tints and blotches. Flowers are of a medium size and carried on long stems. 1/2 trade pkt. 60c.; trade pkt. \$1.00; 1/2oz. \$2.00

NEW GIANT PANSY, MICHELL'S SPRINGTIME. We are pleased to offer this fine new early-flowering Giant Pansy whose blooms measure 3 1/2 to 4 inches across, and come in a superior mixture of light colors so popular in the spring garden. The plants are dwarf. Trade pkt. 75c.; 1/2oz. \$1.50; 1/4oz. \$2.75; oz. \$10.00

MAPLE-LEAF GIANTS. A new variety producing giant flowers measuring 4 to 6 inches across, of perfectly round shape and in an excellent mixture. This is without doubt the largest of the giant-flowering types; for exhibition purposes and private trade.

Trade pkt. 50c.; 1/4oz. \$2.25; oz. \$8.00

AMERICA. A very select, extra-early, dwarf giant-flowering strain. The plants are short, stocky and of vigorous growth, exceptionally free flowering and in a fine mixture of popular shades. For florists and market gardeners, this is undoubtedly the money-making Pansy. Trade pkt. 75c.; 1/2oz. \$1.50; 1/4oz. \$2.75; oz. \$10.00

ENGELMANN'S SPECIAL MIXTURE. A new variety and a truly Giant Pansy that is in a class by itself. Flowers 3 to 4 inches across, on long, heavy stems, and produced well above the foliage. Contains a great variety of colors, both light and dark, with a good percentage of bronze and red shades.

Trade pkt. 75c.; 1/2oz. \$2.25; 1/4oz. \$3.75; oz. \$12.00

MICHELL'S NEW SWISS GIANTS. The flowers are enormous, of beautiful velvety texture, on long stems and in a mixture that is unsurpassable for its many unusual colors such as salmon, dark blue, pink, mahogany, yellow and red, all of which are beautifully blotched. Trade pkt. \$1.00; 1/2oz. \$1.50; 1/4oz. \$2.75; oz. \$10.00

DWARF SWISS GIANTS, CHOICE MIXED (ROGGLI). For those who desire a dwarfier and more compact type than the original, we highly recommend this new strain. Very free flowering, and in a great variety of colors.

Trade pkt. 50c.; 1/4oz. \$2.25; oz. \$8.00

IMPROVED SWISS GIANTS

Large flowers with overlapping petals in many brilliant colors and shades. Excellent for greenhouse culture.

Trade pkt. 60c.; 1/2oz. \$1.25; 1/4oz. \$2.25; oz. \$8.00

SWISS GIANTS, SEPARATE SORTS

	Trade pkt.	1/2oz.	1/4oz.	Oz.
Berna. Very rich, velvety purple-violet.	\$0 75	\$1 75	\$3 00	\$10 00
Coronation Gold. Round canary-yellow flowers with lower petals flushed golden orange, measuring as much as 3 inches across, with slightly ruffled edges.	75	1 75	3 00	10 00

Marigold, Winter-flowering

	Trade pkt.	Oz.
Australian Tall Tree. Golden yellow and brown. Fine for winter forcing. 4 1/2 ft.	\$0 25	\$1 10
Lieb's. Winter flowering. Mahogany-brown; golden yellow crested centers.	40	2 00

Matricaria - Feverfew

	Trade pkt.	Oz.
Ball Strain. A fine pure white with long stems, coming 80 to 85 per cent true, full doubles. Fine for greenhouse, as well as outdoors.		
1/2 trade pkt. 30c.; 1/4oz. \$1.75	50	
Double White. Fine for cut-flowers. 1 1/2 ft.	25	1 00

Mignonette

	Trade pkt.	Oz.
Ball Forcing Strain. Early-flowering, greenhouse forcing type. Produces, when disbudded, exceptionally large spikes.	1 00	6 00

Swiss Giants, Separate Sorts, continued

	Trade pkt.	1/2oz.	1/4oz.	Oz.
Lake of Thun (Ullswater). Color marine-blue with deep blue blotches	\$0 75	\$1 75	\$3 00	\$10 00
Pure White. The best giant pure white.	75	1 75	3 00	10 00
Rheingold. Deep golden yellow with black blotches on the three lower petals.	75	1 75	3 00	10 00

GIANT OR BEDDING PANSIES

YELLOW SHADES. Without blotches. A magnificent strain. Giant flowers. Plants of compact, dwarf habit. Fine for bedding for mass effect in borders.

Trade pkt. 50c.; 1/4oz. \$1.75; oz. \$6.00

LORD BEACONSFIELD, IMPROVED STRAIN. Deep velvety violet, shading to white at the margins of the upper petals. Free flowering. Excellent for bedding.

Trade pkt. 50c.; 1/4oz. \$1.75; oz. \$6.00

PANSIES, GIANT-FLOWERING MIXTURES

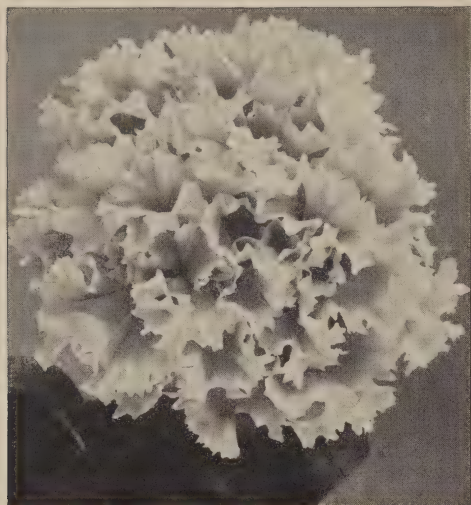
	Trade pkt.	Oz.	1/4lb.
Michell's Giant Exhibition, Mixed. A giant strain of heavy texture and varied shades and colors.			
1/2oz. \$1.00; 1/4oz. \$1.75	\$0 50	\$6 50	\$24 00
Giant Trimardeau, Mixed.	30	3 00	10 00

ALL PRICES SUBJECT TO MARKET CHANGES



Pansies, Sunshine Art Shades

Michell's Giant Petunias



Petunia, Michell's Supreme No. 1

New, Double Michell's Supreme No. 1

We take pleasure in offering this American-grown select strain double Petunia to our florist friends. This is a choice selection of large double fringed Petunias in a grand assortment of colors, including several scarce shades—Salmon, Dark Red, etc. The flowers are huge, beautifully fringed, and the habit of growth is semi-dwarf. The percentage of doubles is very high.

$\frac{1}{4}$ oz. \$6.00; $\frac{1}{2}$ oz. \$11.00; $\frac{1}{2}$ trade pkt. \$1.25; trade pkt. \$2.00

Outstanding Petunias Exclusive with Michell's

NEW VICTORY. Extra-dwarf super-giant Petunia. Large deep-throated fluted flower averaging up to 7 inches across. Plant habit very bushy and free flowering. An exclusive formula mixture, color range of light and dark shades. A special strain for pot-growing.

$\frac{1}{2}$ trade pkt. 75c.; trade pkt. \$1.25; $\frac{1}{4}$ oz. \$2.25; $\frac{1}{2}$ oz. \$4.00

NEW DAZZLER. The brightest color in Petunias, orange and rosy scarlet tones, plain and semi-ruffled, golden and white-throated large flowers. Plants dwarf, compact habit, fine for bedding and for pots.

$\frac{1}{2}$ trade pkt. 75c.; trade pkt. \$1.25; $\frac{1}{4}$ oz. \$2.25; $\frac{1}{2}$ oz. \$4.00

NEW IMPROVED ADMIRAL. A much superior selected strain of very compact habit. The flowers are a rich violet-blue, slightly waved, and this strain will come 100 per cent true to type and color. Trade pkt. 75c.; $\frac{1}{2}$ oz. \$1.65; $\frac{1}{4}$ oz. \$2.75

1943 All-America Selections

IGLOO. This new, extra-compact, pure white Petunia produces flowers of medium size, with a slight yellow throat, and they come 100 per cent true. The plants are uniformly compact throughout the season, and continue to flower until frost. The plant is a perfect mound of white, 8 to 10 inches in height, reminding one of an Eskimo igloo. This variety is ideal for borders, also splendid for pots.

Trade pkt. 75c.; $\frac{1}{2}$ oz. \$1.50; $\frac{1}{4}$ oz. \$2.75; $\frac{1}{2}$ oz. \$5.00

ENGLISH VIOLET. A new and most pleasing shade of violet-blue Petunia, different from any other of the mid-blue varieties. It is almost the same beautiful color as English violets. Very important, it will hold this uniform color throughout the season. The plants grow normally 15 inches high, quite compact, and we believe it is the best mid-blue dwarf bedding Petunia yet introduced.

Trade pkt. 50c.; $\frac{1}{2}$ oz. 90c.; $\frac{1}{4}$ oz. \$1.65; $\frac{1}{2}$ oz. \$3.00

ALL PRICES SUBJECT TO MARKET CHANGES

We are headquarters for this florist's popular pot-plant. The following list is selected from the finest strains of Petunias that are grown in Europe and California. We supply the most critical trade in every state in the Union with our selected strains.

Single Large-flowered, Plain-edged

BLUE BEAUTY. New. A large-flowering Petunia in a clear deep blue shade. Plants are vigorous growers and very free flowering.	$\frac{1}{2}$ trade pkt.	Trade pkt.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.
	\$0 50	\$1 25		
MICHELL'S NEW IMPROVED DWARF GIANT, PINK GLORY. Plants are of dwarf, compact habit. Flowers are a rose-pink shade.	\$0 60	1 00	2 00	
Dwarf Elk's Pride. (Michell.) A really dwarf type of this popular Petunia. The plants are of upright habit, free flowering and the color the well-known royal purple, $\frac{1}{4}$ oz. \$3.75.	60	1 00		\$2 00
Purple Prince. A fine velvety purple, large-flowering variety.		50		1 50
Snowstorm. A fine, large-flowering, plain-edged, pure white variety. Very free flowering. Good as a pot-plant and the best pure white bedding variety.	60	1 00	1 75	3 00
White Cloud. Dwarf; compact; pure white.		50	1 00	1 75
White Queen (Ruffled Grandiflora). Dwarf compact habit with large pure white ruffled flowers. A fine pot-plant variety.	60	1 00	1 75	3 00

Single Ruffled Giant Petunias (With veined throats)

GLAMOUR. A luscious shade of salmon-rose in the Giant Ruffled Petunia type, faintly veined brown in the creamy, open, shallow throat. Strong and robust, extremely free blooming and an entirely new shade in this type of Petunia.	$\frac{1}{2}$ trade pkt.	Trade pkt.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.
	\$0 60	\$1 00	\$2 00	\$3 50
BEAUTY, NEW DWARF SUPER-GIANT RUFFLED. Here we have a Petunia that is really a beauty. The flowers are quite large with deep, well-fluted and veined throats, and the color is a bright clear salmon, a shade that will always please. The habit of the plant is dwarf and compact; very early and free flowering. We believe this to be the best large-flowered salmon Petunia in existence.	60	1 00	2 50	
MICHELL'S NEW IMPROVED DWARF GIANT, COPPER-RED. An outstanding new variety. The flowers are a brilliant copper-red, with beautifully veined dark throats. Excellent for pots or bedding.	60	1 00	2 50	
RUFFLED GRANDIFLORA NANA COMPACTA, MIXED. Novelty. Without question this new ruffled Petunia is a remarkable strain. The blooms are extra large with good open throats. They will measure about 4 inches in diameter. Highly recommended for pot-culture.		50	1 50	2 50
MICHELL'S GIANT RUFFLED MONSTERS. Superb mixture.	60	1 00	2 00	3 50
MICHELL'S QUAKER GIANTS. Mammoth Single Petunia. Deep-throated, single flowers well ruffled. Plants of dwarf habit. Excellent for pots. Selected mixture.	75	1 25	2 00	3 50
New Dwarf California Giants. Ramona Strain. A fine, new, dwarf, compact strain of the well-known California Giants. Excellent for pots.	60	1 00	1 75	2 75
California Giants. Strong plants. Immense flowers of bright and desirable colors.		50		2 50
Giants of California, Bodger's Supreme Florists' Strain. The flowers are very large, ruffled, with open throats, and the color strain is unsurpassed. Flowers are freely produced on strong plants, which are medium tall in habit. Excellent for bedding and window-boxes.	60	1 00	2 00	

HENRY F. MICHELL CO.

MICHELL'S PETUNIAS, continued

Single-flowered Grandiflora (1½ ft.)

	1/2 trade pkt.	Trade pkt.	1/4 oz. Oz.
MARS (Hybrida). <i>New.</i> This variety is the deepest crimson and largest-flowered sort in the whole Hybrid group. The color is deeper than Flaming Velvet. 1/4 oz. \$1.50. 1/2 oz. \$3.00. 1 oz. \$4.50.	40	75	50
Radiance. Silver Medal, All-America Selections. Brilliant rich rose or cerise blooms with brown-veined yellowish throats. An outstanding Petunia. Height 1 to 1½ ft. 1/4 oz. 90c. 1/2 oz. 1.80. 1 oz. 2.70.	30	50	1 50
Flaming Velvet. Rich brilliant, velvety blood-red medium-sized flowers. Excellent for bedding. 1/4 oz. 1.10. 1/2 oz. 2.20. 1 oz. 3.30.	30	50	1 10 3 85
General Dodds. Rich velvety blood-red. Fine bedding variety. 1/4 oz. 1.10. 1/2 oz. 2.20. 1 oz. 3.30.	30	50	1 75
Hollywood Star. All-America Winner of Silver Medal. This lovely new Petunia is a charming shade of rich rose with an amber throat. The flower is unique—it is in the form of a five-pointed star. 1/4 oz. 1.10. 1/2 oz. 2.20. 1 oz. 3.30.	30	50	1 00
Howard's Star, Improved. Beautiful variety with crimson-maroon flowers, each having a distinct five-pointed white star. 1/4 oz. 1.10. 1/2 oz. 2.20. 1 oz. 3.30.	40	90	3 25
Topaz Rose. All-America Novelty. The color of this new Petunia is a fiery, velvety rose, slightly suffused with gold. Will not fade or burn under the hottest sun. 1/4 oz. 1.10. 1/2 oz. 2.20. 1 oz. 3.30.	50	75	2 50

Dwarf Single Small-flowered Sorts (1 ft.)

	1/2 trade pkt.	Trade pkt.	Oz.
Alderman. Clear deep violet-blue. 1/4 oz. 70c. 1/2 oz. 1.40. 1 oz. 2.10.	30	50	2 50
Betsy Ross (Miniature Ruffled). <i>New.</i> This fine-type red and white Petunia has blooms 2½ inches in diameter, and well ruffled with a good open throat. It has a fine dwarf habit with free-flowering qualities. 1/4 oz. \$1.50. 1/2 oz. \$3.00. 1 oz. \$4.50.	40	75	
Bluebird. An excellent bedding variety. Medium-sized flowers of a deep blue color. 1/4 oz. 70c. 1/2 oz. 1.40. 1 oz. 2.10.	30	50	2 50
Celestial Rose. Deep rose; compact. Excellent for bedding. 1/4 oz. \$1.25. 1/2 oz. \$2.50. 1 oz. \$3.75.	30	50	4 50
Celestial Rose, Improved Strain. A big improvement over the regular type. This strain is very uniform, free flowering, and comes practically 100 per cent true. 1/4 oz. \$2.75. 1/2 oz. \$5.50. 1 oz. \$8.25.	50	75	9 00
Cockatoo. Violet with white spots. 1/4 oz. \$1.00. 1/2 oz. \$2.00. 1 oz. \$3.00.	30	50	
Dwarf Cream Star. All-America. Flowers are shaped like five-pointed stars. Plants 8 to 10 inches tall which bloom madly from early summer to fall. Each flower is dainty white marked with a cream-colored star. 1/4 oz. \$1.15. 1/2 oz. \$2.30. 1 oz. \$3.45.	50		
Dwarf Inimitable. Dwarf, compact habit. Flowers striped and blotched. 1/4 oz. 1.10. 1/2 oz. 2.20. 1 oz. 3.30.	30	1 65	
FIRST LADY. Silver Medal, All-America Selections. The 2½-inch flowers, of beautiful light or blush-pink, are produced in profusion all season. Plants 1 foot high. 1/4 oz. \$1.50. 1/2 oz. \$2.50. 1 oz. \$3.75.	50		
GLOW (Nana compacta). Silver Medal, All-America Selections. An excellent new strain with medium-sized single flowers of a very intense glowing carmine-rose, measuring 2¼ inches across, and borne in great profusion on dwarf plants. 1/4 oz. \$1.25. 1/2 oz. \$2.50. 1 oz. \$3.75.	50	13 50	
King Henry. A large flower of blood-red color. Free flowering; of dwarf, compact habit. 1/4 oz. \$1.25. 1/2 oz. \$2.50. 1 oz. \$3.75.	50		
Martha Washington. A ruffled or frilled, dwarf, compact type. Plants literally smothered with blooms 3 inches in diameter. Color bluish-white with center veined wine-red, deepening at base of throat. 1/4 oz. \$2.00. 1/2 oz. \$4.00. 1 oz. \$6.00.	50		
Periwinkle Blue (Dwarf Erect). A welcome addition to the dwarf single type. Flowers a delightful shade of pastel blue. Resembles very much the perennial Vinca. 1/4 oz. 1.10. 1/2 oz. 2.20. 1 oz. 3.30.	30	50	2 75

Dwarf Single Small-flowered Sorts, continued

	1/2 trade pkt.	Trade pkt.	Oz.
Rose of Heaven. Brilliant rose. A very effective and popular color. 1/4 oz. \$1.35. 1/2 oz. \$2.70. 1 oz. \$4.05.	40	75	4 50
Rosy Morn. Dwarf, bushy plants, with brilliant rose-colored flowers having white throats. Popular bedding sort. 1/4 oz. 75c. 1/2 oz. 1.50. 1 oz. 2.25.	30	50	2 75
Rosy Morn Improved. A decided improvement on this popular variety. Flowers brighter in color and considerably larger. 1/4 oz. \$1.35. 1/2 oz. \$2.70. 1 oz. \$4.05.	40	75	4 50
Salmon Supreme. Dwarf light salmon-rose. 1/4 oz. \$1.35. 1/2 oz. \$2.70. 1 oz. \$4.05.	40	75	4 50
*Scarlet Flame (Hybrida nana compacta). <i>New.</i> A splendid dwarf compact-growing type with large, brilliant scarlet-rose flowers. 1/4 oz. \$1.25. 1/2 oz. \$2.50. 1 oz. \$3.75.	50		
Silver Blue (Heavenly Blue). Makes a fine bedding variety when combined with Rosy Morn. 1/4 oz. \$1.50. 1/2 oz. \$3.00. 1 oz. \$4.50.	30	50	5 00
Snowball. Dwarf. Pure white. 1/4 oz. 85c. 1/2 oz. 1.70. 1 oz. 2.55.	50	2 50	
Twinkles. Bright rose with star. 1/4 oz. 65c. 1/2 oz. 1.30. 1 oz. 1.95.	30	2 25	
Velvet Ball (Dwarf Flaming Velvet). The plants reach a height of about 8 inches with a spread of only 8 to 10 inches, and will have a dozen or more flowers in bloom at a time, each about 2½ inches in diameter, well shaped, and of a deep velvety blood-red. 1/4 oz. \$1.35. 1/2 oz. \$2.70. 1 oz. \$4.05.	50	75	4 50
Violacea. Deep violet. Erect, dwarf type. 1/4 oz. \$1.35. 1/2 oz. \$2.70. 1 oz. \$4.05.	40	2 25	
Violet-Blue. <i>New.</i> The color is a rich violet with a bright blue cast. A decidedly neat plant that will hold its fine habit throughout the season. 1/4 oz. \$1.00. 1/2 oz. \$2.00. 1 oz. \$3.00.	30	50	
Violet Gem. Honorable Mention, All-America Selections. A miniature Petunia only 6 inches tall, very compact with masses of violet-blue flowers. 1½ inches across. 1/4 oz. \$1.85. 1/2 oz. \$3.70. 1 oz. \$5.55.	50		
*White Perfection (Hybrida nana compacta). <i>New.</i> All-America Award. This is one of the best white Petunias in existence. The individual flowers measure about 2 inches across. 1/4 oz. \$1.25. 1/2 oz. \$2.50. 1 oz. \$3.75.	50	4 50	
Choice Mixed. 1/4 oz. 60c. 1/2 oz. 1.20. 1 oz. 1.80.	25	1 65	

Portland Varieties

	Trade pkt.	Oz.
A new strain, grown for us by a specialist. For planting of veranda boxes and for choice potted plants or for bedding.	1/2 oz.	
Elk's Pride. Large; deep royal purple. 1/2 oz. \$1.75. 1 oz. \$3.50.	50	1 75
Pink Triumph. Clear, bright pink, delicately fringed flowers. 1/2 oz. \$1.75. 1 oz. \$3.50.	50	1 75
Pride of Portland. Large, deep rose-pink, fringed flowers. 1/2 oz. \$1.75. 1 oz. \$3.50.	50	1 75
Scarlet Beauty. Cherry-red to deep maroon. 1/2 oz. \$1.75. 1 oz. \$3.50.	50	1 75
White Beauty. White flowers with finely fringed edges. 1/2 oz. \$1.75. 1 oz. \$3.50.	50	1 75
Mixed Colors. 1/2 oz. \$1.75. 1 oz. \$3.50.	50	1 75



Petunia,
King Henry

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S PETUNIAS, continued

Large Single Fringed

ADORABLE. Michell's Dwarf Fringed Lace

Veil Type. The flowers are of medium size, beautifully fringed, and the color is a pleasing shade of rose-pink with white, delicately veined throats. Very dwarf and compact. This type is also free flowering. An excellent item for pot-work. $\frac{1}{2}$ oz. \$4.50. \$0 60 Trade pkt. \$1 00 $\frac{1}{4}$ oz. \$2 50

Dainty Lady. Dwarf and free flowering. Delicately fringed, and light golden yellow in color. $\frac{1}{2}$ oz. \$2.75. 60 1 00

Lace Veil. Dwarf. Fringed; pure white. 50 1 50

Michell's Giant Fringed, Mixed. Flowers very large, beautifully fringed and ruffled, and in a fine mixture of the most popular colors. $\frac{1}{2}$ oz. \$2.50; $\frac{1}{4}$ oz. \$4.00. 60 1 00 1 50

Setting Sun. Brilliant rose-pink flowers, beautifully fringed, 3 inches across. Comes true from seed. $\frac{1}{2}$ oz. \$2.75. 50 1 50

Super Fluffy Ruffles. (Michell.) A splendid new strain with beautifully ruffled and fringed flowers which at first glance appear fully double. A lovely blending of rose and salmon shades. Fine for bedding and growing in pots. 60 1 00 2 50

Theodosia. Michell's Improved Strain. A superior selection having large, brilliant rose-pink flowers, with full open throats, fine for pots. $\frac{1}{2}$ oz. \$3.00. 60 1 00 1 75

Violet King. Beautiful velvety violet-blue, immense, fringed flowers. 60 1 00 2 50

Large Double-flowering Petunias

DWARF ALDDOUBLE VICTORIOUS MIXED. A choice strain. $\frac{1}{2}$ trade pkt. (500 seeds) \$1.25; trade pkt. (1000 seeds) \$2.50; $\frac{1}{4}$ oz. \$12.00.

Michell's Double Fringed, Mixed. Superbly colored flowers of mammoth size. 500 seeds 75c.; 1000 seeds \$1.50

Please note, Double Petunias are a highly bred type, and the seed is not as vigorous in growth as that of single strains. Seed of all our Double Petunias has been carefully tested in soil and the germination has been found to average 70 to 80 per cent. For this reason, and because of its high cost, we cannot entertain claims on non-germination of this seed, or requests for replacements. If carefully handled, we know the seed will grow. It is important not to discard the small seedlings, as these usually produce the best double flowers.



Primula malacoides, Enchantress

Michell's Primulas

NEW GIANT MALACOIDES

We offer this magnificent new strain of *Primula malacoides* which has recently been discovered. The strong, robust-growing plants make excellent pot-plants, with extremely large, well-formed, rounded flowers produced in abundance on heavy, wiry stems rising from rich green foliage. Well-grown mature plants will have anywhere from 30 to 50 spikes.

NEW DOUBLE TWINKLES. Exquisitely dainty in coloring, Twinkles is a very soft flesh-pink, each petal accented with a picotee penciled edging of rich rose. Exceptionally free blooming, the hundreds of $\frac{3}{4}$ to 1-inch florets nod gaily on their long, upright-growing, wiry stems. This strain comes 90 to 95 per cent double from seed. Original trade pkt. \$1.50

NEW SWEETHEART. Sweetheart adds a distinct bicolor to the group. The blooms are a bright salmon-pink bordered with a wide band of white softly flushed flesh-pink. In the center is a tiny but distinct touch of golden yellow. The individual florets are 1 inch in diameter, produced in many whorls on the long, heavy, wiry stems. Original trade pkt. \$1.50

DOUBLE FAIRY JEWELS. This superb new double sort has literally hundreds of florets $\frac{3}{4}$ to 1 inch in diameter, of a lovely rich rose-pink color, slightly deeper in the center. The strain comes 90 to 95 per cent double from seed. Original trade pkt. \$1.50

ENCHANTRESS. Outstanding single variety of a beautiful soft salmon-rose color. Flowers are $\frac{3}{4}$ to 1 inch in diameter and produced in unbelievable profusion. Original trade pkt. \$1.50

SNOWFLAKE. Pure glistening white, beautifully formed 1-inch florets adorn the stately stems like gleaming jewels. Original trade pkt. \$1.00

LAVERDER GLORY. This variety has the largest flowers of the group, being from 1 to 1 $\frac{1}{4}$ inches in diameter. They are soft, mauve-lavender in color, beautifully formed, and abundantly produced. Original trade pkt. \$1.00

MIXTURE. The Mixture contains all of the above single varieties, together with a good many others still in the developmental stage. The Mixture is well worth growing for the many previously unknown shades and colors found in it. Original trade pkt. \$1.00

NEW GIANT OBCONICAS

NEW WYASTON WONDER. This new type of *Primula obconica*, Wyaston Wonder, produces flowers of truly immense size. It is by far the largest-flowered variety in existence. The general growth of the plant is exceptionally vigorous and the huge heads of bright crimson flowers are carried on strong stems well above the foliage. We believe this to be the finest of the new Primulas. $\frac{1}{2}$ trade pkt. 85c.; trade pkt. \$1.50; $\frac{1}{4}$ oz. \$3.50

PRIMULA OBCONICA, SUPER-GIANT STRAINS

We are pleased to offer for immediate shipment the following NEW-CROP PRIMULA SEEDS. This is freshly harvested stock, very high germination, American-grown seed. All the plants have been carefully rogued for color and type. The flowers are of giant size.

Giant Apple Blossom. A lovely pure tone—pale pink.

Giant Crimson. Enormous size truss; crimson color.

Giant Blue. Rich, bright blue.

Giant Dark Rose. Clear self rose; will not fade.

Giant Scarlet. Oriental red, shading to scarlet.

Giant Choice Mixed. A mixture of the above and other colors.

Trade pkt. \$1.00; $\frac{1}{4}$ oz. \$2.50; $\frac{1}{2}$ oz. \$4.50

OBCONICA GRANDIFLORA

Hybrida, Mixed. Trade pkt. \$1.00; $\frac{1}{4}$ oz. \$2.00.

MALACOIDES

	Trade pkt.	3 Trade pks.
Dawkin's Carmine-Pink. Rich glowing carmine-pink; flowers large.	\$0 75	\$2 00
Lilac. Improved Baby Primrose.	50	
Pink Beauty. Deep rosy pink flower. $\frac{1}{2}$ oz. \$3.50.	75	
Snow Queen. Single; white.	75	2 00

FRINGED CHINESE VARIETY

	$\frac{1}{2}$ Trade pkt.	Trade pkt.	$\frac{1}{4}$ oz.
Michell's Prize Mixture. This mixture contains only the very finest sorts.	\$0 60	\$1 00	\$3 00

Shamrock

New crop seed. Shamrock seed should be sown January 1 for 2-inch plants for St. Patrick's Day. Use 3 or 4 seedlings to a pot and grow in a carnation-house temperature. Trade pkt. Oz. $\frac{1}{4}$ lb. 1 lb. True Irish. \$0 20 \$0 75 \$2 50 \$8 00

Michell's Distinctive Stocks

Giant Column, Non-branching Double Excelsior

This new type produces one enormous spike 2 to 3 feet in height and is especially adapted for greenhouse culture, as the plants can be grown close together. We offer only the best seed, which will give a high percentage of doubles.

ROSE BEAUTY. An Exclusive Michell Introduction. A fine new variety with exceedingly large double florets. The color is a clear La-France-rose-pink, a very popular florist color.

1/2 trade pkt. 75c.; trade pkt. \$1.25; 1/8oz. \$2.00

	1/2 Trade pkt.	Trade pkt.	1/8oz.	Oz.
Ball Blue. No. 3. Rich, dark lilac-blue.....	\$0 60	\$1 00	\$2 50	\$9 00
Ball White. No. 2. Long-stemmed white, slight pink blush.....	60	1 00	2 50	9 00
Ball Pink. No. 11. Fine clear rose-pink.....	60	1 00	2 50	9 00
Ball Rose Pink. No. 14. Deeper than No. 11. Strong grower.....	60	1 00	2 50	9 00
Ball White. No. 16. Pure white semi- tall, compact grower.....	60	1 00	2 50	9 00
Silvery Lilac (Ball No. 1). Lilac- lavender.....	60	1 00	2 50	9 00
Chamois-Pink (Ball No. 9). Chamois- pink.....	60	1 00	2 50	9 00
Gardenia. Shimmering, glistening white.....	60	1 00	2 50	9 00
Golden Rose (Ball No. 20). Rose and gold.....	60	1 00	2 50	9 00
Illusion (Ball Ruby). Scarlet-red.....	60	1 00	2 50	9 00
Malmaison Pink (Ball No. 7). Light shell-pink.....	60	1 00	2 50	9 00
Rose-Pink. (Michell.) Brilliant rose- pink.....	60	1 00	2 50	9 00
Yellow Wonder. The color is rich creamy yellow.....	60	1 00	2 50	9 00
Florist Mixture	60	1 00	2 50	9 00

NEW SUPER-EARLY, SAINT AMOUR. An Exclusive Michell Introduction. This is an excellent early branching type. The color of the flowers is a clear lavender-rose. The percentage of doubles is well over 80.

Trade pkt. 75c.; 1/8oz. \$2.25

EARLY COLONIAL BRANCHING STOCKS

This new Early Colonial strain does not produce a center spike—so therefore requires no pinching to make it branch.

	1/2 trade pkt.	Trade pkt.	Oz.
ROSE STANDISH. A large-flowered bright rose.....	\$0 30	\$0 50	\$3 50
MAYFLOWER. Brilliant red-rose.....	30	50	3 50
PRISCILLA. Clear silvery lavender.....	30	50	3 50
PURITAN. Pure snow-white.....	30	50	3 50

EARLY GIANT IMPERIAL STOCKS, IMPROVED BISMARCK

MAMMOTH ROSE. An Exclusive Michell Introduction. The largest flowering of this group. Color is a brilliant rose-pink. The individual florets are huge. Excellent for cut-flowers.

	1/2 Trade pkt.	Trade pkt.	Oz.
Antique Copper. Rich hellebore-red.....	\$0 40	\$0 75	\$4 50
Apple Blossom. Blush-pink.....	30	50	3 50
Buttercup. A deeper shade than canary-yellow.....	30	50	3 50
Canary-Yellow (Golden Ball)	30	50	3 50
Chamois. Ivory, tinted old-rose.....	30	50	3 50
Dark Blue. New shade.....	30	50	3 50
Elk's Pride. Intense royal purple.....	30	50	3 50
Fairy Blood-Red. Extra fine.....	30	50	3 50
Golden Rose	30	50	3 50
Lavender	30	50	3 50
Lilac	30	50	3 50
Rose Charm. Rich deep rose.....	30	50	3 50
Roselight. Bright rose.....	30	50	3 50
Rose-Pink	30	50	3 50
White	30	50	3 50
Mixed Colors	30	50	3 50

Stock,
Imperial
Mammoth Rose



GIANTS OF CALIFORNIA

Giants of California are very early flowering, with a high percentage of double mammoth flowers and have the branching habit of the Bismarck. If planted close they will nearly attain the height of the Column Stock, approximately 2 1/2 to 3 feet.

	1/2 Trade pkt.	Trade pkt.	1/8oz.	Oz.
Golden Gate. Clear golden yellow.....	\$0 30	\$0 50	\$1 15	\$4 00
MOJAVE. Rich velvety purple.....	30	50	1 15	4 00
Monterey. Bright pink.....	30	50	1 15	4 00
Pacific. Light blue.....	30	50	1 15	4 00
Redwoods. Blood-red.....	30	50	1 15	4 00
Santa Barbara. Chamois.....	30	50	1 15	4 00
Santa Maria. Pure white.....	30	50	1 15	4 00
Tahoe. Lavender.....	30	50	1 15	4 00
Yosemite. Rose.....	30	50	1 15	4 00
Splendid Mixture	30	50	1 15	4 00

ALL PRICES SUBJECT TO MARKET CHANGES

Winter-flowering Giant Spencer Sweet Peas



Sweet Pea, Top Sergeant

Michell's Exclusive Introductions

TOP SERGEANT

1943 Introduction. A deep blood-red-crimson. Large, bold-faced flowers with extra-strong stems. An excellent Early Winter-flowering type with good strong growth. This is undoubtedly the truest crimson in the complete list of Winter Sweet Peas.

½oz. 75c.; oz. \$1.40; ¼lb. \$5.00

FOREST FIRE

1943 Introduction. Giant, bright orange-scarlet, duplexed flowers that will not burn. Its good strong stems make this new Sweet Pea worth while for the florist grower. The foliage is a good green, not dark like the older orange varieties.

½oz. 75c.; oz. \$1.40; ¼lb. \$5.00

GORGEOUS

Never have we seen such a colorful Sweet Pea—a glistening golden cerise brightening to a carmine. Under artificial light it is truly gorgeous, as the name implies. The magnificent, large, duplexed flowers are produced in four's and five's on long, stiff stems.

Oz. 60c.; ¼lb. \$1.75; lb. \$6.00

LADY LUCK

Vivid carmine-rose, suffused with purple; large perfectly formed flowers. A very heavy producer on long, stout stems, each bearing four blooms. We highly recommend this Sweet Pea to the florist who wants the best.

Oz. 60c.; ¼lb. \$1.75; lb. \$6.00

New Spring-flowering Sweet Peas

This new type has performed outstandingly well in the spring months, giving excellent flowers on long stems when the Early-flowering types have given out. The Spring-flowering type also gives a much heavier crop of flowers than the standard Earlies. Seed should be sown in September or October in the greenhouse for flowering during March, April, and May.

Spring-flowering Rose-Pink. A beautiful clear rose-pink shade.	Oz. \$0 50	¼lb. \$1 55	Lb. \$5 00
Spring-flowering Blue. A splendid clear marine-blue.	50	1 55	5 00
Spring-flowering Lavender. A fine clear lavender shade.	50	1 55	5 00
Spring-flowering Mauve. Bright satin mauve	50	1 55	5 00
Spring-flowering Black-seeded White. Strong-growing; long-stemmed.	1 00	3 50	12 00
Choice Mixed.	50	1 55	5 00

General List of Michell's Winter-flowering Sweet Peas

	Oz.	¼lb.	Lb.
American Beauty. American-Beauty-rose.	\$0 40	\$1 25	\$4 50
Ball Blue. Fine form; clear even blue.	40	1 25	4 50
Ball Improved Orange. Deep glowing orange.	40	1 25	4 50
Ball Rose Improved. Sparkling deep rose.	40	1 25	4 50
Blue Bird. A charming shade of blue.	40	1 25	4 50
Boon. Deep salmon-pink on light cream.	40	1 25	4 50
Bridesmaid. Sparkling silver-pink. Large flowers usually in fours on 14 to 16-inch stems.	40	1 25	4 50
Daphne. Soft salmon-pink on cream ground.	40	1 25	4 50
Delicious. A shade of pale salmon and cream delightfully blended. The flowers are huge.	40	1 25	4 50
Eileen. Begonia-rose, with salmon shadings.	40	1 25	4 50
Eleanor Blue. Light blue with silvery sheen.	40	1 25	4 50
Fascination. Salmon-rose-pink.	40	1 25	4 50
Florence Michell. An extra-fine deep blue.	40	1 25	4 50
Florists' Blue. Large, clear pure blue flowers.	40	1 25	4 50
Florists' Rose. Pure rich rose-pink.	40	1 25	4 50
Fragrance. A clear lavender self; flowers large, beautifully frilled and on enormous, long, strong stems. Very free bloomer.	40	1 25	4 50
Gardenia. Gardenia is a dense paper-white having large, ruffled flowers with good substance for shipping.	40	1 25	4 50
Giant Rose. Rose color. Extra-fine variety.	40	1 25	4 50
Glitters. Brilliant fiery cerise.	40	1 25	4 50
Grenadier. Dazzling scarlet.	40	1 25	4 50
Harmony. A beautiful clear lavender.	40	1 25	4 50
Hiawatha. Fine; large-flowering; deep rose.	40	1 25	4 50
Hope. The finest black-seeded pure white.	40	1 25	4 50
Jeanne Mamitsch. Flowers large, on long stems; color a beautiful shade of rose-pink.	40	1 25	4 50
Josie. Rich, clear rose-pink; very large.	40	1 25	4 50
Laddie Improved. Giant bright rose on long stems.	40	1 25	4 50
Majestic Rose. Deep brilliant rose-pink.	40	1 25	4 50
Michell's Rose Wonder. A beautiful clear, sparkling rose-pink color on a light ground.	40	1 25	4 50
Miss Annie Laurie. The richest tone of pure rose-pink ever introduced in a Sweet Pea.	40	1 25	4 50
Mrs. Herbert Hoover (The California Blue). Flowers are clear blue; long stems.	40	1 25	4 50
Navy Blue. Flowers a rich dark blue.	40	1 25	4 50
Princess Blue. The largest-flowered, light lavender-blue, early flowering.	40	1 25	4 50
Rhapsody. Fine large-flowering rosy lavender. Vigorous growth; free flowering.	40	1 25	4 50
Rhumba. Colored a golden cerise, Rhumba is a large, deeply duplexed flower.	40	1 25	4 50
Rose Queen. Attractive shade of rose-pink.	40	1 25	4 50
Sensation. Duplex. A clear-toned, luminous geranium-pink—a new shade.	40	1 25	4 50
Sequoia. Enormous, rich golden cerise.	40	1 25	4 50
Shirley Temple. Brilliant rich rose-pink, four large blooms on each stem.	40	1 25	4 50
Skippy. A new and very pleasing shade of light salmon-pink with good long stems.	40	1 25	4 50
Snowstorm, Improved. One of the best early-flowering white Sweet Peas.	40	1 25	4 50
Sparks. Large-flowered variety with a broad yet daintily frilled standard. Intense yet sparkling shade of bright orange-scarlet.	40	1 25	4 50
TITANIA. Mammoth. Deep rose with white ground.	40	1 25	4 50
Top Hat. Flowers of a deep bright violet color.	40	1 25	4 50
Tops. This beautifully duplexed Sweet Pea is a delicate rose-pink color, combined with a soft salmon sheen.	40	1 25	4 50
Treasure Island. The color is sparkling golden orange and the flowers are huge.	40	1 25	4 50
Triumph. A beautiful clear shade of soft lilac-mauve, without a tinge of purple or blue.	40	1 25	4 50
Twilight. Good, long-stemmed, large-flowering lavender variety.	40	1 25	4 50
Valencia. A bright orange in color and absolutely sun-proof. Stems long.	40	1 25	4 50
White Champion. Long-stemmed; pure white. White-seeded.	40	1 25	4 50
White Harmony. A black-seeded variety. Flowers large, pure paper-white.	40	1 25	4 50
Michell's Winter-flowering Spencer, Mixed	40	1 25	4 50

Our Long-spurred Columbines are gems of beauty

Schizanthus • Butterfly Flower

Dwarf Large-flowering. A compact variety and very free-flowering. Excellent for pots. Mixture	Trade pkt.	Oz.
1/4oz. \$1.00	\$0	50
Garraway's Hybrids. A beautiful greenhouse strain.	50	\$3 00
Giant Pansy-flowering. Large pansy-flowered blooms in a wide range of rich colors. Excellent for cutting.	1/4oz. \$1.00	50
Hybridus grandiflorus, Mixed. Dwarf	25	1 50
Wisetonensis. Various colors. Fine for pots.	40	3 00

Viola

Arkwright Ruby. This new variety is of the large-flowered type. Very fragrant, beautiful bright rosy crimson blooms, with terra-cotta shadings, make it a very outstanding variety.	Trade pkt.	Oz.
	\$0	50
Bosniaca. Johnny-jump-up. Free bloomer. Small leaves. Purple flowers.	40	3 00
Papilio. Butterfly Viola. Light blue and white.	50	3 00

Viola, continued

Papilio. Butterfly Viola. Deep violet.	Trade pkt.	Oz.
Yellow Queen. Another large-flowered type. Deep pure yellow flowers, coming practically 100 per cent true from seed. Plants are robust in habit and very free flowering.	\$0	50
	50	6 00

*Viola cornuta • Tufted Pansies

Chantreyland. New. A fine variety in a pure apricot, outstanding in color.	Trade pkt.	Oz.
Admiration. Dark blue.	\$0	50
Apricot Queen. Large, apricot-yellow flowers, tinged orange.	50	3 00
Perfection. Light blue.	50	5 00
Rose Queen. Compact habit. Rosy pink flowers.	40	3 00
White Perfection. Pure white.	40	3 00
Yellow Perfection. Golden yellow.	50	3 00
Mixed. All colors.	40	2 25
Scotch Bedding, Mixed. Produces larger flowers than <i>V. cornuta</i> .	75	4 00

Michell's Hardy Perennial Flower Seeds

*ALYSSUM saxatile compactum. Golden yellow.	Trade pkt.	Oz.
*Saxatile compactum, Silver Queen. Pale primrose.	\$0	25
*Rock-Garden Hybrids, Mixed.	25	2 20
AMPELOPSIS Veitchii. Boston Ivy.	50	3 85
ANCHUSA italica, Dropmore. Bright blue.	15	40
1/4oz. 50c.	15	
*Myosotidiflora. Small forget-me-not-blue flowers. 15 in.	1/4oz. \$1.75	50
ANEMONE (Windflower) coronaria, St. Brigid. Semi-double. Various colors. 1 ft.	30	1 50
*Pulsatilla. Pasque Flower. Violet-lilac. 1 ft.	50	3 00
*ANTHEMIS (Hardy Marguerite) montana. Pure white. 1 ft.	30	1 65
Tinctoria Kelwayi. Bright yellow flowers. 2 ft.	20	75

Aquilegia • Columbine

Clematiflora, Choice Mixed. New. Spurless Columbine with beautiful open flowers like clematis.	1/4oz. \$2.25	75
Crimson Star. Crimson and white.	1/4oz. \$1.35	50
*Alpina. Blue and white. 1 1/2 ft.	30	1 90
Californica hybrida. Mixed colors.	30	1 90
Canadensis. Scarlet and yellow.	30	1 90
Carulea. Blue and white.	40	2 00
Double Mixed.	15	65

LONG-SPURRED VARIETIES

Longissima. Delicate shade of yellow. 1/4oz. \$1.60	75	
Copper Queen. Copper-red, straw corolla.	50	3 50
Blue Shades.	50	3 50
Orange and Scarlet Shades.	50	3 50
Pink and Rose Shades.	50	3 50
Snow Queen. Pure white.	50	3 50
Mrs. Scott Elliott's Select Strain.	60	
Hybrids. Mixed colors.	40	2 25

*ARABIS (Rock Cress) alpina. Dwarf. Flowers pure white. 1 ft.	15	1 10
*Alpina rosea. Bright rose. 8 in.	1/4oz. \$2.00	75
*AUBRIETIA Bougainvillei. Dark blue. 6 in.	50	3 50
*Deltoides. Lavender-blue. 6 in.	40	2 50
*New Large-flowering Hybrids, Mixed.	50	4 00

*AURICULA (Primula auricula), Choice Mixed. Flowers of many beautiful colors. 6 in.	1/4oz. \$1.00	50
BAPTISMA australis. False Indigo. Spikes of deep blue flowers. 3 to 4 ft.	30	1 50

Varieties marked * are especially suitable for rock-gardens

ALL PRICES SUBJECT TO MARKET CHANGES

Campanula Medium • Canterbury Bells

BIENNIAL	Trade pkt.	Oz.
Calycanthemum, Blue. Cup and Saucer	\$0	30
Calycanthemum, Lilac	30	1 50
Calycanthemum, Pink	30	1 50
Calycanthemum, White	30	1 50
Calycanthemum, Mixed	25	1 25
Single Blue	15	60
Single Pink	15	60
Single White	15	60
Single Mixed	15	60
Double Blue	30	1 25
Double Pink	30	1 25
Double White	30	1 25
Double Mixed	25	1 00

MISCELLANEOUS CAMPANULAS

The taller sorts are splendid for cut-flowers and most decorative; the dwarf sorts make excellent border plants.

*Carpatia, Blue. Dwarf. 6 in.	Trade pkt.	Oz.
*Carpatia, White. Dwarf. 6 in.	\$0	25
Persicifolia grandiflora, Blue. Grows 3 to 4 feet high and produces large, bell-shaped flowers.	30	3 00
Persicifolia grandiflora alba. White	30	3 00
Persicifolia, Telham Beauty. Large, China-blue bells. 2 1/2 ft.	1/4oz. \$1.50	75
Pyramidalis, Mixed. Chimney Bellflower. 5 ft.	25	2 50

CANDYTUFT (Iberis) gibraltarica. Lilac, shading to white.	25	1 25
Sempervirens. Flowers white.	40	2 00

Carnation, Perennial Varieties

The Grenadin Carnation is an excellent early-blooming, large-flowering type, fine for cut-flowers.

Grenadin.	Trade pkt.	1/4oz.
Black King. A fine dark red	\$0	50
Cardinal. Brilliant scarlet	50	\$1 50
Triumph Pink. Pure rose-pink	50	1 50
White. Snow-white	50	1 50
White Gold. Beautiful soft yellow	50	1 50
Mixed	50	1 50
CENTAUREA montana. Violet-blue. 2 ft.	Trade pkt.	Oz.
*CERASTIUM tomentosum. Snow-in-Summer. Silvery foliage. White flowers. 1 ft.	\$0	25
CHEIRANTHUS Allioni. Siberian Wallflower. Orange	25	2 00
	15	50

Chrysanthemum

Shasta Daisy, New Giant Double White. Extra large on long, stiff stems, fine for cutting. 1/4oz. \$1.50	50	
Geisha. Cascade Chrysanthemum. New single-flowering varieties, mixed	1/4oz. \$1.50	50
Early-flowering, Double and Semi-double, Mixed	50	5 00
Shasta Daisy, Alaska. Pure white.	25	1 00
Shasta Daisy, Conqueror. Giant-flowering white.	25	1 00



Delphinium, Pacific Hybrids

	Trade pkt.	Oz.
CLEMATIS paniculata. Hardy climber; white star-shaped flowers. 1/4lb. \$1.50 ..	\$0 15	\$0 50
COREOPSIS lanceolata grandiflora. Golden yellow	15	50
Lanceolata grandiflora fl.-pl. Double-flowering	20	85
Coreopsis. Double and semi-double flowers.	20	75
Mayfield Giant. Extra-large flowers. Plants tall.	20	75

Daisy, Double English

Bellis perennis

	Trade pkt.	1/4oz.
* Monstrosa, Pink.	\$0 75	\$2 00
* Double Mixed. A fine mixture.	50	2 00

Dianthus . Pinks

HARDY GARDEN VARIETIES

	Trade pkt.	Oz.
* Allwoodi alpinus. Choice assortment of colors. 4 to 6 in. 1/4oz. \$2.00 ..	\$0 50	
* Cæsius. Cheddar Pink. Pink.	30	\$1 50
Clove-scented, Double and Semi-Double, Mixed. ..	30	1 50
* Deltoides, Brilliant. Maiden Pink. Dwarf. Carmine	30	1 85
Double Scotch, Mixed. Choice colors.	30	1 50
Latifolius atrococcineus fl.-pl. Double; scarlet.	20	85
Loveliness. New. Exquisite mauve-pink sort, with	50	
delightful fragrance. 1/4oz. \$1.25 ..	50	
Pheasant's Eye, Mixed. Single; fringed.	15	1 00
* Rock-Garden Species. A mixture of 25 rare varieties.	50	3 00

DICTAMNUS Fraxinella. Purple-red flowers.	30	2 00
DIGITALIS (Foxglove), Giant Shirley, Mixed.		
Enormous spikes of flowers. 3 to 5 ft.	25	1 25
Purpurea gloxiniaeflora, Pink.	20	1 00
Purpurea gloxiniaeflora, Purple.	20	1 00
Purpurea gloxiniaeflora, White.	20	1 00
Purpurea gloxiniaeflora, Mixed.	15	75
Grandiflora. Light yellow.	25	1 50

* EDELWEISS (Leontopodium) alpinum. Rock-		
plant, with silvery white flowers. 1/4oz. \$1.00 ..	50	
ERYNGIUM amethystinum. Sea Holly. Metallic		
blue flowers. 3 ft.	50	3 00

Varieties marked * are especially suitable for rock-gardens

ALL PRICES SUBJECT TO MARKET CHANGES

Delphinium . Perennial Larkspur

One of the most popular perennials. Excellent for cutting.

NEW SUPER-GIANT PACIFIC HYBRIDS

The spikes are strong, growing 5 to 6 feet, closely set, and the flowers are as large as a silver dollar. This strain is practically immune from mildew, and is proving splendid for cut-flowers.

Black Knight Series. Darkest of them all. Individual flowers exceedingly large, of beautiful round form, with heavy velvety texture that gives the color luminosity and vividness.	Trade pkt. \$1 25	1/4oz. \$3 00	1/2oz. \$5 50
Blue Bird Series. The clearest medium-blue with white bee. Huge tall spikes; an excellent variety.	1 25	3 00	5 50
Bluejay Series. The true blue color which is so rare in nature and so difficult to obtain—clear medium to dark blue.	1 25	3 00	5 50
Cameliard Series. A lovely pure lavender self with white bee. Well-balanced spikes, a beautiful variety.	1 25	3 00	5 50
Galahad Series. Clear white of enormous size, averaging 3 inches in diameter. Good branching habit; strong whippy stems. The best pure white Delphinium. 1/2oz. \$13.00 ..	2 00	4 00	7 00
Guinevere Series. A magnificent light pink-lavender with white bee; fine large spike.	1 25	2 50	4 00
King Arthur Series. A true royal purple with white bee.	1 25	2 50	4 00
Lancelot Series. A new color in Delphinium—pure lilac self tone with white bee.	1 25	2 00	3 50
1/2oz. \$6.50 ..	1 25	2 50	4 00
White Majesty. Giant; pure white. Oz. \$14.00	1 25	2 50	4 00
Dark Blue Shades. 1/2oz. \$7.00; oz. \$12.00 ..	1 00	2 00	3 50
Light Blue Shades. 1/2oz. \$7.00; oz. \$12.00 ..	1 00	2 00	3 50
Pastel Shades. 1/2oz. \$7.00; oz. \$12.00 ..	1 00	2 00	3 50
Mixed Colors. 1/2oz. \$7.00; oz. \$12.00 ..	1 00	2 00	3 50
Round Table Series. This represents all of the color combinations of the knights and their ladies. Three hundred different crosses were used to make up this group of seed.	1 25	2 50	4 00
Summer Skies Series. Clear light blue with white bee. Excellent for cutting.	1 25	2 50	4 00
Blackmore & Langdon's Imported Strain. A new improved type of this fine English variety. Plants are of strong, vigorous growth and produce immense spikes of large flowers. Every describable shade of blue is in this mixture. Oz. \$3.00 ..	50		
English Hollyhock, Watkin Samuel's Wrexham Strain. The finest large-flowered type to date. Immense spikes.	Trade pkt. \$0 75	1/4oz. \$1 75	Oz. 1 75
Art Shades.	\$0 75	\$1 75	
Deep Blue Shades.	75	1 75	
Light Blue Shades.	75	1 75	
Selected Mixture.	50		\$5 00
Belladonna Improved (Cliveden Beauty). A very select strain. Turquoise-blue.	Trade pkt. \$0 40	Oz. \$2 65	\$9 50
Belladonna. Regular Strain.	25	2 00	7 50
Bellamosum, Improved. A dark blue type of Belladonna.	40	2 65	9 50
Bellamosum. Regular Strain.	25	2 00	7 50
Cardinale. Large, brilliant scarlet flowers.	40	2 75	
Michell's Gold Medal Hybrids. A fine strain. Long spikes of large flowers.	30	1 65	5 50

Note: The seed of Cardinale is of slow germination.

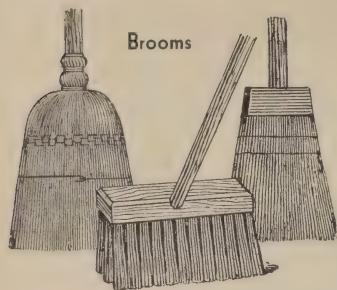
Gaillardia . Perennial Varieties

One of the showiest of hardy perennial plants. Fine for cutting or borders. 3 ft.

	Trade pkt.	Oz.
Grandiflora, Monarch Strain. Giant-flowering; exquisite. Mixed.	\$0 30	\$1 50
Grandiflora, Burgundy. Bright coppery red blooms.	30	2 00
* Grandiflora, Goblin. Dwarf, compact variety, especially suited for the rock-garden. Showy red flowers.	50	2 50
Grandiflora, Portola Hybrids. Bronzy red, golden tipped petals.	30	1 50
Grandiflora, Tangerine. Giant orange flowers.	30	1 60
Grandiflora superba, Mixed. 1/4lb. \$1.75 ..	15	50
* GENTIANA acaulis. Blue Gentian. Dwarf. Deep blue flowers.	50	4 00
GEUM, Lady Stratheden. Golden yellow. 2 ft.	40	2 00
Mrs. Bradshaw. Brilliant scarlet flowers. 2 ft.	40	2 00
Prince of Orange. True orange; large flowers.	50	3 50

Poppies cannot be transplanted—sow them where they are to bloom

		Trade pkt. Oz.	
GYSOPHILA (Baby's Breath) Oldhamiana . Trade pkt. Oz.			
Bright pink flowers.....	\$0 30	\$2 25	
Paniculata . Sprays of white flowers. 3 ft.....			
1/4 lb. \$1.25.....	15	40	
Paniculata fl.-pl. Double white flowers. 3 ft.....	50	4 00	
* Repens . A trailing plant with white flowers. 6 in.....	30	1 75	
* Repens rosea . Pinkish white flowers. 6 in.....	30	2 50	
*HELIANTHEMUM nummularium mutabile .			
Rock- or Sun-Rose. Mixed colors.....	25	1 00	
HELLEBORUS niger . Christmas Rose. Flowers white. Seed is slow germination. 15 in.....	25	1 25	
HIBISCUS (Marshmallow). Giant Dark Red	20	1 00	
Giant Pink	20	1 00	
Giant White	20	1 00	
Giant Choice Mixed	20	1 00	
Hollyhock Trade pkt. Oz.			
Triumph . A fine type of branching habit. Choice mixed colors.....	\$0 40	\$2 00	
Double Newport Pink . Pure pink.....	30	1 35	
Chater's Double Maroon	30	1 35	
Chater's Double Pink	30	1 35	
Chater's Double Red	30	1 35	
Chater's Double Salmon	30	1 35	
Chater's Double White	30	1 35	
Chater's Double Yellow	30	1 35	
Chater's Double Mixed	1/4 lb. \$3.75	25	1 10
Double Everblooming, Mixed	1/4 lb. \$2.25	15	75
Single Hollyhock Trade pkt. Oz.			
Mixed Colors	1/4 lb. \$1.50	15	50
HONESTY (<i>Lunaria</i>) biennis alba . Biennial. Silvery seed panicles. 3 ft.....			
\$0 30	\$1 25		
LATHYRUS latifolius (Perennial Pea), Crimson	15	60	
Pink Beauty . Bright pink.....	15	60	
White	15	60	
Choice Mixed	15	60	
LAVERENDER (<i>Lavandula</i>) vera . True Lavender. Fragrant blue flowers.....	30	2 00	
LIATRIS (Blazing Star) pycnostachya . Rosy purple flowers. 4 ft.....	40	3 00	
Scariosa . An improved strain. Rosy purple blooms.....	50	3 50	
LILY, White Swan . <i>Micell's Novelty</i> . A giant, snow-white, early-flowering variety. Will bloom in approximately 8 months from seed.....	75	5 00	
Philippinese formosanum . Resembles an Easter Lily. Will bloom in 6 to 8 months from seed. 3 ft.....	30	1 75	
Regale (<i>L. myriophyllum</i>). Perfectly hardy. Excellent for forcing. Flowers waxy white.....	20	1 00	
LINUM (<i>Flax</i>) perenne . Large blue flowers. 1 1/2 ft.....	15	50	
LOBELIA cardinalis . Cardinal Flower. Spikes of cardinal-red flowers.....	50	4 00	
LUPINS, Russell Hybrids . Long spikes of flowers in a variety of rich colors—yellow, orange, red, and brilliant bicolors. We offer seed from the originator's stock. Choice mixed only.....	50	2 00	
Lupinus polyphyllus			
Blue	20	1 00	
Roseus . Soft pink.....	20	1 50	
White	20	75	
Mixed . All colors.....	1/4 lb. \$2.50	20	75
New Hybrids, Mixed	25	1 00	
LYCHNIS Arkwrighti . Fine new hybrids.....	30	2 00	
Chalcedonica . Scarlet cross-like flowers. 2 ft.....	20	1 00	
Haageana hybrida, Mixed . Various colors. 1 ft.....	40	2 25	
MATRICARIA (Feverfew), Double White . Fine for cut-flowers. 1 1/2 ft.....	15	60	
Golden Ball . Bright yellow flowers. 8 in.....	40	2 00	
Myosotis · Forget-me-not			
Alpestris, Victoria . Bright blue. Dwarf.....	50	3 00	
Blue Basket . Dark blue. Upright growth.....	50	3 00	
Micell's Winter-flowering . The finest variety for forcing. Long stems. Large deep blue flowers.....	50	3 00	
Palustris semperflorens . Everblooming. Blue.....	50	3 00	
Choice Mixed	25	1 50	
Early Varieties			
Early Blue Bird . Light blue; very early.....	50	3 00	
Dwarf Indigo Blue . Dark blue.....	50	3 00	
* CENOTHERA missouriensis (Evening Primrose). A prostrate-growing variety with bright yellow flowers.....	50	3 50	
HARDY PHLOX . Sow seeds of Hardy Phlox late in the fall and they will germinate in the spring.....			
Decussata, Mixed . Choice selection.....	50	3 00	
PLATYCODON grandiflorum (Balloon Flower). Trade pkt. Oz.			
Blue. 28 in.....	\$0 25	\$1 50	
Poppy			
Perennial Varieties			
Iceland, Gartford Giant, Art Shades . Pastel shades of apricot, cream, gold, white and various shades of rose. Large flowers on stems up to 30 inches long.....	50	3 50	
Iceland, Fakenham Hybrids . Flowers 2 1/2 to 3 inches across. Extremely free flowering. Finest mixed. 2 ft.....	40	2 50	
Iceland, Gartref New Hybrids . Fine range of art shades.....	40	2 50	
Iceland, Yellow Wonder . Bright buttercup-yellow.....	40	2 50	
Iceland, Single Mixed	25	1 00	
Iceland, Sunbeam . New. Splendid mixed hybrids.....	25	1 50	
Orientele . Deep scarlet.....	25	1 25	
Orientele, Mrs. Perry . Rich salmon-pink.....	50	3 50	
Orientele, Royal Scarlet	50	3 50	
Orientele, Hybrids . Mixed colors.....	30	2 00	
PUERARIA Thunbergiana . Kudzu Vine. Climber. Rosy purple flowers.....			
25	75		
PYRETHRUM hybridum atrosanguineum . Dark red shades.....	50	4 00	
Roseum . Pink.....	50	4 00	
Uliginosum . Giant White Daisy.....	40	3 00	
Hybridum, Single, Mixed	40	3 00	
Hybridum, Double, Mixed	75	5 00	
SALVIA azurea grandiflora . Sky-blue. 3 to 4 ft.....	40	2 00	
Patens . Rich deep blue.....	50	3 50	
Scabiosa · Mourning Bride			
The seed of perennial Scabiosa is of slow germination, so we would suggest sowing in peat moss and sand, making sure to keep moist and shaded. Trade pkt. Oz.			
Caucasica, Giant Hybrids, Isaac House Strain . Colors light lavender to dark blue. Excellent for florists.....	\$0 50	\$0 00	
Columbaria anthemifolia . A low-growing variety, producing large flowers from 2 to 2 1/2 inches across. Color, a delightful shade of pink. Valuable florists' cut-flower.....	40	2 50	
Columbaria, Lavender	40	2 50	
Caucasica . Light blue.....	40	2 50	
Caucasica alba . White.....	40	2 50	
SHASTA DAISY . See Chrysanthemum.			
STATICE (Everlasting Flower) caspia . Lilac. 3 ft.....	50	2 50	
Dumosa . Silvery gray. 2 1/2 ft.....	50	2 50	
Latifolia . Large, deep blue flowers.....	40	2 00	
SWEET ROCKET (<i>Hesperis</i>), Mixed	15	60	
Sweet William · Dianthus barbatus			
Trade pkt. Oz. 1/4 lb.			
Dwarf or Alpine . Dwarf type, suitable for edging and rock-gardens. Choice mixed.....	\$0 40	\$3 50	
Auricula-flowered, Mixed . Single.....	25	1 25	
Holborn Glory . Giant-flowered Auricula. Mixed.....	25	1 65	
Purple Beauty . Bright deep purple.....	25	1 65	
Single, Crimson	25	1 25	
Single, Newport Pink . Salmon-pink.....	40	2 00	\$7 00
Single, Scarlet Beauty . Rich deep scarlet.....	30	2 00	7 00
Sutton's Giant White . The finest large-flowering pure white Sweet William.....	25	1 50	
Single, Velvety Maroon	25	1 25	
Single, White	25	1 25	
Single, Mixed . All colors.....	20	1 00	3 50
Double, Mixed . All colors.....	25	2 00	
THALICTRUM dipterocarpum . Flowers rosy purple, with yellow anthers. Fine for cutting. 4 ft.....			
Trade pkt. Oz.	\$0 40	\$2 25	
TRITOMA hybrida, Mixed . Red-Hot Poker. Perennial. 2 ft.....			
40	2 00		
VERONICA (Speedwell) longifolia subsessilis . Long spikes of rich blue flowers. 2 ft.....	40	3 00	
Spicata . Bright blue. 1 1/2 ft.....	30	2 50	
WALLFLOWER, Double Mixed	40	3 00	
Early-flowering, Double, Mixed . An extra-early variety, flowering from seed in 90 days.....	30	1 50	
Paris, Extra-Early, Mixed . Single. Blooms the first year from seed. Excellent for forcing.....	20	75	
Single, Mixed	1/4 lb. \$2.00	20	60
Varieties marked * are especially suitable for rock-gardens			
ALL PRICES SUBJECT TO MARKET CHANGES			



Brooms

Plain Corn Rattan Push Fibre

	Each
No. 9. Fibre.....	\$1 50
No. 8. Corn and Rattan mixed.....	1 25
Golf Greens. Birch..... Doz.	\$4.00
No. 7. Plain Corn. Extra quality.....	1 25

Road Brushes (With Handles)

No. 271. Rattan Push. 14-in.....	\$1 50
No. 1414. Bass or Cocoa Push. 14-in.....	1 60



156



127



146



109

Pruning Shears

	Each
No. 156. Disston. 8 1/4-in.....	\$3 25
No. 127. Disston. 8 1/4-in.....	2 15
No. 146. Disston. 9-in.....	1 60
No. 5. Michell's. 9-in.....	60
No. 109. Wiss. 9-in.....	3 85
No. 607. Wiss. 6 1/2-in. Nickel-plated.....	1 85

Spiral Springs for any of the above Pruning Shears. Each 25c.; doz. \$2.50.



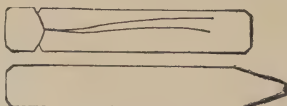
Hedge Shears

American

	Each
No. 30. 8-in.....	\$2 50
No. 30. 9-in.....	2 75
No. 30. 10-in.....	3 00

Lock Bolts, Nuts, and Washers for Hedge Shears. Each 25c.

LABELS



Tree Labels, etc.

	100	1000
Wood, Iron Wired. Plain.....	\$0 30	\$2 20
Wood, Iron Wired. Painted.....	45	2 60
Copper Sheet.....		
Wired..... Doz. 30c.	2 00	
Zinc Sheet, Wired. Doz. 30c.	2 00	
Indelible Marking Pencils. Each 15c.		

Painted Labels

Pot—	No. in pkg.	100	1000
4-in., 5/8-in. wide	1000	\$0 35	\$2 20
4 1/2-in., 5/8-in. wide	1000	40	2 30
5-in., 5/8-in. wide	1000	45	2 40
6-in., 5/8-in. wide	1000	55	2 70

Garden—

8-in., 7/8-in. wide	250	1 00	6 00
10-in., 7/8-in. wide	250	1 65	7 00
12-in., 1 1/8-in. wide	100	1 80	10 00

Field—

18-in., not painted	100	500	1000
	\$4 50	\$22 00	\$42 50

Economy Pot and Tree Labels

A wonderful Label made of almond wood, which will hold the marking for a considerable time, and, owing to the nature of the wood used, it is not necessary to paint them. Very desirable for those who use Labels in large quantities. Extremely well made.

Pot Labels—	No. in pkg.	1000
4-in.....	1000	\$1 50
5-in.....	1000	1 80
6-in.....	1000	2 00
8-in.....	250	5 00
10-in.....	250	6 00
12-in.....	250	8 00

Celluloid Pot Labels

Made of white celluloid. Excellent for greenhouse use.

	Doz.	100
No. 21. 4 x 5/8-in.....	\$0 40	\$2 00
No. 22. 5 x 3/4-in.....	60	3 00

Simplex Weatherproof Garden Label

Iron stake, 2 feet long.

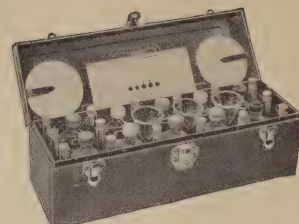
	Each	Doz.
No. 10. 2 3/4 x 1 1/2 in.....	\$0 35	\$3 50



Simplex Weatherproof Plant Labels

The material carrying the writing is white celluloid, which is protected by a transparent cover of mica. Mark with an ordinary lead-pencil. Prices include wires for attaching.

	Doz.	100
No. 1. 3 x 1 1/2 in.....	\$0 60	\$3 00
No. 2. 4 x 3/4 in.....	85	5 00
No. 3. 5 x 1 in.....	1 25	7 00



Sudbury Soil-Test Kit

With this Soil-Test Kit anyone can make practical tests to determine acidity of soil, or any possible deficiency in nitrogen, phosphorus and potash. Complete instructions with each Kit.

Professional Size. Model A. Widely used by large growers, nurseries, greenhouses, and Government stations. Capacity, 200 individual tests. Inexpensive refills available. Price, \$22.50.

Horticultural Size. Model B. For the advanced amateur, or nurseries, growers, and greenhouses whose requirements do not call for the larger professional equipment. Capacity, 200 individual tests. Inexpensive refills available. Price, \$9.75.

Club Model, C. This new model in the famous Sudbury line gives a complete season of soil-testing at a far lower price than ever before. Makes 50 individual tests for nitrogen, phosphorus, potash, and acidity, showing how to lime and fertilize for best results. Cased in handsome sturdy imitation leather. Price, \$4.75.

Home Gardeners Size. Model D. A 20-test Kit. Complete with instructions and data on plant needs. Price, \$2.00.

Evermark Pencils



You can read the name after months of exposure to sun and rain. For writing on all plant labels. Will not rub or wash off. Each 15c.; doz. \$1.50.

Horticultural Knives

A good Knife is an essential to every gardener and florist. Our Knives are all of the best steel and guaranteed to give good satisfaction.

American.

No. 727W. 2 blades. White handle. Pruning and budding.....	\$1 60
No. 04993. 2 blades. Stag handle. Pruning and budding.....	1 60
No. 1001. 1 blade. Cocoa handle. Pruning.....	1 25
No. 11099 1/2. 1 blade. Aluminum handle. Budding or grafting.....	1 75

English.

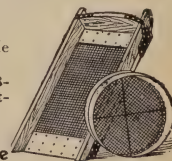
No. 7705. 1 blade. Stag handle. Extra heavy pruning.....	3 25
No. 7954. 2 blades. White handle. Pruning and budding.....	3 50

Sieves

Any size mesh. Made extra well.

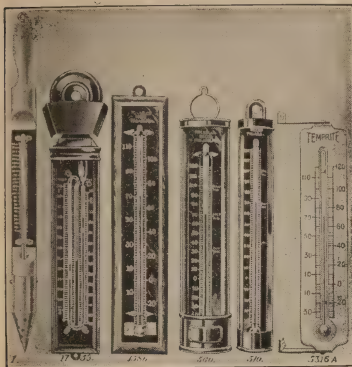
Galvanized Wire. 18-in., \$1.85 each (post-paid \$1.95).

Large Upright Sieve



For soil, gravel, sand, etc. Made in any size mesh, of extra heavy-grade foundry wire. Price, \$21.00.

ALL PRICES SUBJECT TO MARKET CHANGES

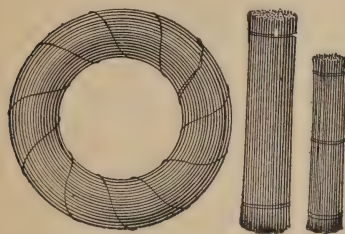


Thermometers

No. 7022. **Maximum and Minimum.** Registers the coldest and warmest points during the previous night. 10 in. Each \$5.00.

TESTED GRADE

No. 5420. Tin Case. 8 in. Red Each Column.....	\$1 25	Doz. \$14 50
No. 5400. Tin Case. 12 in. Red Column.....	2 75	
No. 5052. Copper Case. 8-in. Red Column.....	1 50	16 25
No. 5054. Copper Case. 10-in. Red Column.....	1 60	17 50
No. 5023. Wood Back. 8-in. Black Scale.....	1 10	12 50
No. 5127. Temprite Greenhouse 8-in. White Enamel, Red Column.....	1 10	12 50
No. 5316A. Temprite Window or Wall. 8-in. White Enamel Red Column.....	1 10	12 50



Wire, Annealed

Prices on application

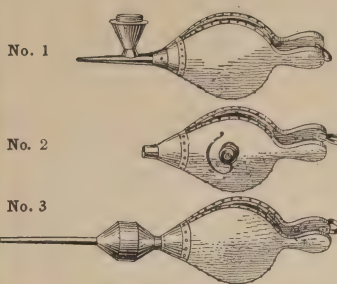
No. 16. 12-lb. stone.....	
No. 18. 12-lb. stone.....	
No. 20. 12-lb. stone.....	
No. 22. 12-lb. stone.....	

Galvanized

No. 16. 12-lb. stone.....	
No. 18. 12-lb. stone.....	
No. 19. 12-lb. stone.....	
No. 20. 12-lb. stone.....	
No. 22. 12-lb. stone.....	
No. 24. 12-lb. stone.....	
No. 19. Tinned. Cut to 8½ in. long, 10-lb. box.....	

Cut Bouquet Wire For Stemming flowers, etc.

No. 18. 7 in. and 9 in.....	\$2 00
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Bellows

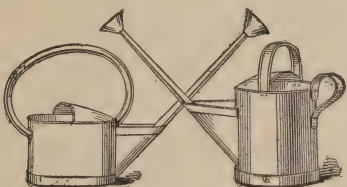
Small Single-Cone. (No. 1.).....	Each \$4½25
Sulphur. (No. 2.).....	4 75
Large Double-Cone. (No. 3.).....	8 75
Large Single-Cone.	5 75



Spray Nozzles (¾-in. thread)

Mistry, Jr. (Fig. 1688). Straight style.....	Each \$1 10
Mistry, Jr. (Fig. 1691). Angle style.....	1 10
Fig. 1074½. Y connection for making a double spray-head nozzle.....	50
Bordeaux (Fig. 1692).....	1 20

If Nozzles are wanted for ¾-in. hose connections, add 60c.



Watering Cans (Wotherspoon)

Galvanized, extra heavy, with long spout and two roses—one coarse and one fine.

	Round	Oval
4-qt.....	\$6 45	
6-qt.....	7 00	\$7 75
8-qt.....	7 65	8 45
10-qt.....	8 35	9 25
12-qt.....	9 25	10 25
16-qt.....	11 00	12 25
4-qt. Fern or Low.....	6 25	

Extra Roses for Wotherspoon Watering Cans, either coarse or fine. Each 60c.

Due to existing conditions all merchandise is offered subject to our ability to supply.

Paragon Sprayers



No. 3 Paragon Sprayer

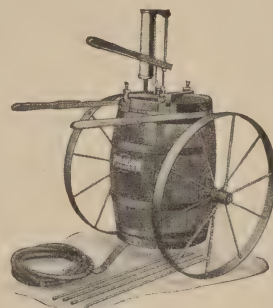
Especially desirable for the reason that it is not necessary to strain the material. Excellent for applying whitewash.

No. 0. Capacity, 3½ gals. Equipped with 4-ft. Hose, a 3-ft. Spray Pipe, and 3 Spray Nozzles. Price, \$12.60.

No. 1. With a 6-gal. Reservoir. Equipped with 5-ft. Hose, 5-ft. Spray Pipe, and 3 Nozzles. Price, \$17.80.

No. 3. With 12-gal. Tank mounted on a Truck, 7½-ft. Spray Pipe, 3 Nozzles, and 10-ft. Hose. Price, \$23.50. Without Truck, \$19.85.

We can also supply this Sprayer with single wheel at same price.



No. 4 Paragon Sprayer

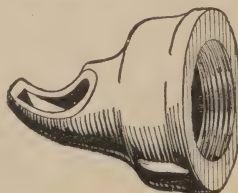
No. 4. Capacity, 28 gals. Mounted on a two-wheel Truck, with 10-ft. Spray Pipe, 20-ft. Hose, and 3 Nozzles. Price, \$38.75.

No. 5. Capacity, 50 gals. Equipped with 25-ft. Hose, 10-ft. Extension Pipe, 3-way Spray Nozzle, and one Single Spray Nozzle, no Truck. Price, \$45.00. With Truck, \$70.00.

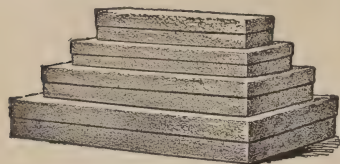
B41. Extra Washers for Pump Plungers for Paragon Sprayers. 25c each.

Michell's Garland Nozzle

A fine Nozzle for watering benches. Price, 50c.



ALL PRICES SUBJECT TO MARKET CHANGES



Cut-Flower Boxes (Corrugated Paper)

Used almost exclusively for carrying and shipping cut-flowers, as they are lighter than wooden ones. Prices include clips for setting up.

	Each	Doz.	100
48 x 14 x 8 in.	\$0 60	\$5 50	\$32 00
42 x 14 x 8 in.	50	4 50	28 50
36 x 14 x 6 in.	45	4 00	24 00
30 x 12 x 6 in.	40	3 00	20 00
24 x 8 x 5 in.	25	2 00	14 50

Boxes for Store Use

Mist-green, lined white inside. The sizes offered in this finish are carried in stock; other sizes in this finish, also in Manila mist, tan, and Oxford gray, can be supplied on short notice. Boxes shipped from stock are supplied not printed only—we can furnish boxes printed, shipment from factory in about two weeks.

	Price f.o.b. Philadelphia		Price f.o.b. factory	
	Doz.	100	Doz.	100
*18 x 5 x 3 in.	\$0 60	\$4 25	\$4 00	
21 x 5 x 3 in.			4 50	
21 x 7 x 3 1/2 in.			6 50	
*24 x 5 x 3 1/2 in.	95	6 75	6 25	
24 x 8 x 4 in.	1 20	8 75	8 00	
24 x 8 x 5 in.			9 00	
28 x 8 x 4 in.			9 00	
*28 x 8 x 5 in.	1 75	11 50	11 00	
30 x 5 x 4 in.			7 70	
*30 x 10 x 6 in.	2 25	15 75	14 70	
*30 x 12 x 7 in.	2 60	20 25	19 00	
36 x 6 x 5 in.			12 00	
*36 x 8 x 5 in.	2 25	14 75	14 00	
36 x 10 x 6 in.	2 50	18 75	18 00	
42 x 8 x 5 in.	2 50	18 75	18 00	

Sizes marked * are carried in stock in Philadelphia; the other sizes are shipped from the factory in New York State in lots of not less than 50 of a size.

5% discount from above prices for lots of 250 to 500.

10% discount from above prices for lots of 500 or more.

Violet and Corsage Boxes

	Price f.o.b. Philadelphia		Price f.o.b. factory	
	100	100	100	100
8 x 5 x 5 in.	\$4 50	\$3 65		
9 x 6 x 5 in.	5 00	4 10		
12 x 6 x 5 in.	6 00	4 90		
13 x 9 x 6 in.	8 35	6 90		
15 x 6 x 5 in.	6 75	5 50		

Paper for Wrapping Boxes and Flowers

	Lb.	1/2 ream	Ream
Manila. For wrapping.			
24 x 36 in.	\$0 16	\$2 00	\$3 50
Manila Tissue. 24x36in.	20	1 00	1 75
Wax, White. Best quality. 24 x 36 in.	1 40	2 50	
Wax, Green. Best quality. 24 x 36 in.	1 40	2 50	
Green Wax. In 3-in. wide rolls, for wrapping frames of designs. Price, per roll 30c.; per doz. rolls \$3.00.			

Plant Stakes No. 10 Steel Wire, Galvanized

	Doz.	100	1000
2 -ft.	\$0 25	\$1 20	\$9 90
2 1/2 -ft.	30	1 50	12 35
3 -ft.	35	1 65	14 85
3 1/2 -ft.	40	2 00	17 35
4 -ft.	45	2 50	19 80
4 1/2 -ft.	50	2 75	22 50
5 -ft.	55	2 90	24 75
6 -ft.	60	3 45	29 70

Cane Stakes

These are very attractive for all-purpose plant staking. Thin and very strong.

	100	1000
1 1/2 -ft.	\$0 40	\$3 50
2 -ft.	55	5 00
2 1/2 -ft.	65	6 00
3 -ft.	85	7 00
3 1/2 -ft.	1 10	8 00
4 -ft.	1 50	9 00
5 -ft.	1 60	14 00
6 -ft.	1 85	15 50

Green-Painted Tapering Plant Stakes

	Doz.	100
1 1/2 -ft.	\$0 25	\$1 65
2 -ft.	45	3 15
2 1/2 -ft.	65	4 50
3 -ft.	90	5 75
3 1/2 -ft.	1 00	7 25
4 -ft.	1 25	8 50
5 -ft.	1 50	11 50

Green-Painted Heavy or Dahlia Stakes

	Doz.	100
3-ft.	\$1 50	\$9 75
4-ft.	1 75	12 00
5-ft.	2 25	16 00
6-ft.	2 50	18 75

Square Painted Plant Stakes

	Doz.	100
1 1/2 -ft.	\$0 25	\$1 65
2 -ft.	35	2 25
2 1/2 -ft.	40	2 65
3 -ft.	95	6 75
4 -ft.	1 50	10 75
5 -ft.	2 25	16 00
6 -ft.	2 50	18 75

Split Bamboo Stakes

	1000	5000
Pointed on one end.		
12-in.	\$1 25	\$5 75

Chinese Tonkin Bamboo Stakes

A heavy, substantial stake for dahlias, ivy, young trees, etc.

	100	1000
4 ft. high, 1/2- to 3/4-in. diam.	\$5 50	\$50 00
6 ft. high, 3/8- to 3/4-in. diam.	7 50	70 00

Hyacinth Stakes

Wood Dyed Green

	1000	per 1000	per 1000
12-in.	\$1 50	\$1 20	\$1 15

Michell's Wagon Heater

For heating wagons and delivery trucks. Efficient, durable, economical, safe. 14-in. diam., 19 in. high. Price, \$10.00.

Coal for Wagon Heaters

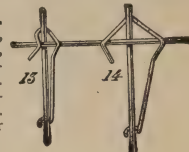
Price, 20 briquettes, \$1.15; 100 bricks, \$8.75.

Stake Fasteners

Everlasting Style. Heavy. 500, \$1.60; 1000, \$3.00; 5000, \$14.00. See illustration No. 14.

Eureka Style.

Light. 1000, \$2.75; 5000, \$13.00. See illustration No. 13. If wanted by Parcel Post, add 10c. per 500; 15c. per 1000 for postage.

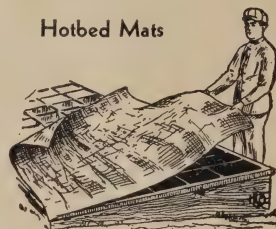


Lightning Wire Stake Tie

Takes the place of twine; can be used more quickly and many times. 1000, \$1.75 (by Parcel Post, \$1.85); 5000, \$8.25 (by Parcel Post, \$8.50); 10,000, \$16.00.



Hotbed Mats

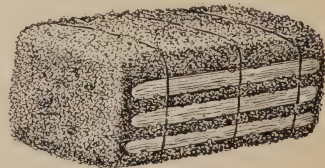


The Burlap style Mats are the best that it is possible to procure. They are padded with shoddy. Rats and mice do not harbor in them, and they are otherwise practically indestructible.

Burlap, Non-Waterproof. Each Doz.

76 x 76 in., covering two regular size sash... \$3 75 \$44 00
40 x 76 in., for one sash... 2 75 28 50

Burlap one side, Waterproof Drill one side.
40 x 76 in. \$3 75 \$42 00
76 x 76 in. 5 50 62 00



Moss

We make a specialty of long, clean, selected Sphagnum Moss. Florists will find the quality we furnish to be much better than the average.

Sphagnum, Live or Green. Pk. 35c.; bus. \$1.25; bbl. (about 3 bus.) \$3.00.

Sphagnum, Dry. Bbl. bag (about 2 1/2 bus.) \$1.50.

Sphagnum, Dry. Finest quality. Burlapped bale \$3.25; 10 bales \$28.50.

Green Lump. Pk. 40c.; bus. \$1.25; bbl. bag (about 2 bus.) \$2.00.

Green Sheet. Bag (about 2 bus.) \$2.75.

ALL PRICES SUBJECT TO MARKET CHANGES

Glazing Points

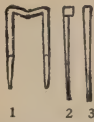
Peerless No. 1 and 2. For single-thick glass.
No. 2 1/2. For double-thick glass.

1000, 75c. (by Parcel Post, 85c.); 5000, \$3.60 (by Parcel Post, \$3.75).

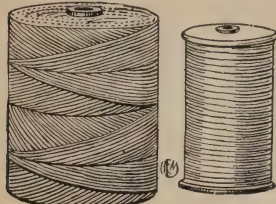
Pincers. For driving Peerless Points. Pair \$1.00 (by Parcel Post, \$1.10).

Seibert's Style Points. Zinc. Three sizes. 5/8-, 3/4-, and 7/8-inch. Lb. 70c. (by Parcel Post, 80c.); 5 lbs. \$3.30 (by Parcel Post, \$3.45); 10 lbs. \$6.25 (by Parcel Post, \$6.45).

Zinc Nails. 5/8-, 3/4-, and 7/8-inch. Lb. 70c. (by Parcel Post, 80c.); 5 lbs. \$3.25 (by Parcel Post, \$3.45).



No. 1. Peerless
No. 2. Seibert's
No. 3. Zinc Nails



Peerless

Raffiatape

Florist's Peerless Twine

For tying up flower-boxes, designs, etc. Very attractive. Color, Nile green. 1-lb. tube \$1.35; 5 lbs. \$6.25.

Raffia

We make a careful selection of long, broad strands for our trade.

Natural Color. 1/2 lb. 25c. (by Parcel Post, 35c.); 1 lb. 40c. (by Parcel Post, 50c.); 5 lbs. \$1.75 (by Parcel Post, \$1.90).

Green. 1/2 lb. 55c. (by Parcel Post, 65c.); 1 lb. 90c. (by Parcel Post, \$1.00); 5 lbs. \$4.10 (by Parcel Post, \$4.25).

Raffiatape

This article is made of a composition of paper and linen, and is tremendously strong. It is about 1/2 in. wide, and comes 250 yards to a spool. There is no waste, as the reel permits it to be hung from a buttonhole, and it can be used as needed. Color, Nile green. Spool of 250 yds. 90c. (by Parcel Post, \$1.00); 6 spools, \$5.00 (by Parcel Post, \$5.15).



Glass Cutters

No. 8. **Small Diamond.** Ebony handle \$6 50
No. 8D. **Large Diamond.** Mahogany handle. 7 50
Single Wheel. Steel. Doz. \$2.50. 25
6-Wheel. Adjustable. 50

Parcel Post charges cover postage and special packing required

Greenhouse White Paint

Undoubtedly the best and most economical White Paint on the market today. Gal. \$4.25; 5 gals. \$19.00.

Black Glazing Cement (Masticote)

For waterproofing greenhouse gutters, roofs etc.; also for making sash-bars water-tight. Gives excellent satisfaction. Apply with a mastic machine. Gal. \$1.35; 5 gals. \$5.00.

Keystone Liquid Glazing Putty

Especially adapted for glazing wood and metal sash. Can be applied with a putty bulb or gun, making a perfectly water-tight job. Gal. \$2.25; 5 gals. \$9.50; 1/2 bbl. (about 30 gals.), \$1.70 per gal.; bbl. (about 50 gals.), \$1.55 per gal.

Tinfoil

If wanted by Parcel Post, please add for postage as follows: 10c. for 1 lb.; 15c. for 5 lbs.; 20c. for 10 lbs.

	Width	Lb.	5 lbs.	10 lbs.
Plain (5-lb. rolls)	5 in.		\$1 50	
Plain	5 in.	\$0 40	1 70	\$3 25
Plain	6 in.	40	1 70	3 25
Violet Foil	6 in.	65	3 00	
Green Foil	6 in.	65	3 00	

Tape

For tying boxes and packages.

Christmas Red. 1000-yd. spools \$5.25 (by Parcel Post, \$5.40).

Moss Green. 1000-yd. spools \$4.10 (by Parcel Post, \$4.25).



Silkline



Green Sea Island

Twines, Etc.

White Cayuga Twine.	No.	Ball	Lb.
108. Medium	.....	\$0 50	\$0 90
White Cayuga Twine.	No.		
208. Heavy	.....	50	90
Jute. 2-ply and 3-ply. Weight per ball, 1 1/2 lb.	5 lbs. \$2.00; 10 lbs. \$3.50	25	45
Green Sea Island.	5 lbs. \$4.75	20	1 00
Special White Cotton. 3-ply	20	85	
Special White Cotton. 4-ply	20	85	
Tarred. For mat-making	45		
Tarred Sisal. For fodder	25		
Binder. 5-lb. balls \$1.10; 5 balls \$5.00; 10 balls \$9.00			
Express. No. 6. Very heavy	40		
Belgium Twine. No. 4 1/2. Medium heavy	40		
Green Silkaline. F, fine; FF medium; FFF, coarse. Spool 45c.; lb. (8 spools) \$2.75.			
Everbest Twine. A green linen thread. Spool 20c.; lb. \$1.40; 5 lbs. \$6.50; 10 lbs. \$12.50.			

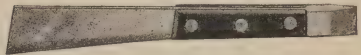


Glazit Gun

For applying liquid glazing putty, mastic, etc. Price, \$3.85

Skybryte Glass Cleaner

For taking off whitewash shading, etc. Coat the glass with Skybryte, flush off with water, and glass is clean. Five pounds to 20 gallons of water is sufficient for 20,000 feet of glass. 5 lbs. \$3.75; 25 lbs. \$16.25.



Glazing Chisel

Made of fine-quality steel. Price, \$1.85 (by Parcel Post, \$2.00).

Florist's Sundries

Bulb Fibre. Qt. 10c.; 1/2 pk. 35c.; pk. 60c.; 1/2 bus. \$1.00; bus. \$1.50.

Bull Dog Clips. For fastening packages, boxes, etc. Box (1000) 65c.

Carnation Dye, Green. Pkg. 50c.

Celery Paper. Rolls 3 feet wide; 167 lineal feet. Roll \$2.75.

Celery Tape, Red. 1000-yard spool \$5.25 (by Parcel Post, \$5.40).

Celery Tape, Green. 1000-yard spool \$4.10 (by Parcel Post, \$4.25).

Charcoal, Lump. Pk. 50c.; bus. \$1.25; bbl. sack \$2.00.

Charcoal, Ground. Coarse or fine. 5 lbs. 35c.; 25 lbs. \$1.25; 100 lbs. \$3.50.

Leaf-Mould (Jersey Peat). Pk. 45c.; bus. \$1.50; approximately 2 bus. bbl. \$2.90.

Mouse Seed. For destroying mice. Pkg. 25c.

Pearl Chippies. For bulb-bowls, aquariums, etc. White and assorted colors. Pkg. 8c.; 6 pkgs. 45c.; 12 pkgs. 85c.; 25 pkgs. \$1.50; 100 pkgs. \$5.50.

White. In bulk. 10 lbs. 70c.; 25 lbs. \$1.25; 100 lbs. \$4.50.

Assorted colors. 10 lbs. 85c.; 25 lbs. \$1.75; 100 lbs. \$6.00.

Peat, Orchid. Lb. 40c.; 5 lbs. \$1.50; 10-lb. bag, \$2.90.

Pebbles. Qt. 8c.; pk. 55c.; bus. \$2.00; sack \$4.00.

Pruning Compound or Tree Dressing. Qt. 45c.; gal. \$1.40.

Salt Hay. Lb. 3c., in bale lots; half ton \$22.50; ton \$40.00. Weight of bale 100 to 110 lbs.

Sand. For propagating. Pk. 35c.; bus. \$1.25; 2 1/2-bus. bag \$2.75.

Shadeline. 5 lbs. \$1.50; 10 lbs. \$2.75.

Weed Killer, Michell's. Dilute 1 gallon to 40 gallons of water. Qt. 45c.; gal. \$1.35; 5 gals. \$6.00; 30 gals. \$28.75; 55 gals. \$42.00.

Peat Moss, Torf Mull (Granulated)

A moisture-retaining humus and an aid for saving soil fertility. It furnishes the needed organic matter which all soils require. An excellent material for spreading on the lawn, mulching in the flower and vegetable garden, and especially desirable for the rose-bed; used extensively by leading florists for mixing with potting soil, for propagating benches, also for packing bulbs and plants. 5-bus. bag \$2.00; bale \$4.50.

ALL PRICES SUBJECT TO MARKET CHANGES

Michell's Flower Baskets

Floral Baskets

No.	Height	Depth	Diam.	Each
MB-1	23 in.	8 in.	7 in.	\$0 90
MB-2	27 in.	9 in.	9 in.	1 00
MA-1	23 in.	8 in.	7 in.	65
MA-2	25 in.	9 in.	8 in.	85
MC-1	22 in.	8 in.	7 in.	85
MC-2	28 in.	9 in.	8 in.	95
MD-1	28 in.	10 in.	5½ in.	60
M-31-A	20 in.	7½ in.	7½ in.	1 00
MB-3	31 in.	10 in.	10 in.	1 50
MC-3	32 in.	10 in.	9 in.	1 40
M-32-B	23 in.	9 in.	9 in.	1 75
M-29-E	30 in.	10½ in.	9 in.	1 40

Special DeLuxe Assortment No. 1

25 Baskets for \$22.00

This assortment is composed of Cut-Flower Baskets in a variety of colors, some plain and some two-tone. Each Basket complete with liner.

Special Ludlow Assortment No. 2

21 Baskets for \$15.00

This assortment of Baskets will please the florist who wishes a small collection that will meet every need. Every one has a liner that won't leak. A beautiful range of colors.

Special Gold Star Assortment No. 3

15 Baskets for \$12.50

An assortment that contains an excellent combination of Plant and Cut-flower Baskets. Each is complete with liner, and the assortment of colors is the most that could be desired.



Hanson Handy Handle
With Saw-Tooth Grip

Fits any size flange. Colors: Lavender, Pink, Blue, Yellow, Purple, Nile-Green, Red and Green. Price, double wound in reed, doz. \$3.50; 100, \$25.00.

Due to existing conditions all merchandise is offered subject to our ability to supply.



Poinsettias

No. 28. Red, silver or white mid-get. 2½ in. diam.

No. 1032. Red or silver mid-get. All heads.

No. 1033. Red 3 in. 8 points

No. 1386. 5½ in. diam.

Prices on application

Holly Sprays



No. 2010. Cel-luloid. Red, green, white

3 leaves and berries

No. 1010. Lacquer. Silver, red green, green and silver, green and red. 3 leaves and berries

Prices on application



Holly Berries (On Stems)

No. 112.....\$0 40 } Prices on application
No. 113.....\$0 40 }

Broken Adiantum. Lb. \$1.75; 10-lb. carton \$16.50.

Gypsophila or Baby's Breath

For basket- or wreath-work. Natural. Bunch 90c.; doz. bunches \$9.50.

Lycopodium

Prepared and Dyed Green

Lb.....\$0 40	25 lbs.....\$6 75
5 lbs.....1 60	100 lbs.....25 00
10 lbs.....3 00	

Prepared Asparagus

Natural sprays, chemically treated and preserved. 100
Small, 15 in. long.....\$5 00
Medium, 24 in. long.....7 00
Large, 30 to 36 in. long.....9 00

Asparagus Tips

Selected quality. Valuable between artificial flowers, bouquets, and wreaths. Lb. \$2.25.



Cattails

Natural..... } Prices on application
Tinted. All colors..... }

Statice

Natural.
Colored. Colors: Blue, Green, Pink, Purple, and Lavender.
Prices on application

Ruscus

Green. (Painted) **Two-toned**
Green. (Dyed) **Gold or Silver**
Christmas Red
Prices on application



Lotus Pods

Two-toned. Very effective for baskets, vases, or wreaths (without stems, 100 to a carton). Prices on application.

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S NATURAL PREPARED WREATHS



No. 16

No. 16. A beautiful, large, red thistle wreath, tinted all over with bronze and with poppy heads and assorted grasses. Size overall, 26 in.

Oak Wreath

No. 900 XB. Body made of bright brown oak, with cluster of white frosted pine-cones, red thistles, and silver diana grass, with holly berries. This makes a very attractive wreath. 20-in.

Oak and Pine-Cone Wreath

No. 150. Body made of oak, with cluster of pine-cones sprayed gold-bronze, shaded with red lacquer; cluster contains holly berries, metallic cypress and white frosted diana grass.

Magnolia Wreath

Body made of brown magnolia leaves trimmed with pine-cones, thistles, poinsettias, and holly berries.

No. 940. 14-in.
No. 925A. 18-in.
No. 928A. 20-in.

Forest Wreath

No. 272. A dandy forest number which no illustration can adequately picture; overall trim, delicate green and white shadings and red floral tints. Size overall, 22 in.

Cardboard Wreath Forms

3-in. diam.	\$0 60
4-in. diam.	1 00
6-in. diam.	1 25
8-in. diam.	2 25
10-in. diam.	3 60
12-in. diam.	4 50
14-in. diam.	5 50
16-in. diam.	9 00
18-in. diam.	11 00
20-in. diam.	14 50

Cardboard Cross Forms

	Doz.	100
18 in.	\$2 40	\$15 00
22 in.	4 25	28 00
30 in.	6 00	37 50

SPECIAL NOTICE!

Wreaths for the Holiday Season

Owing to wartime restrictions and shortages our stock of Christmas Wreaths is not uniform in style or composition. But we will endeavor to fill orders to conform with listed descriptions. We have an attractive assortment and can assure you complete satisfaction. Order by price.

\$1.50 ea.	\$1.75 ea.	\$2.00 ea.
\$2.50 ea.	\$3.00 ea.	\$4.50 ea.

Clock Dials (American-Made)

Colors: White and Purple, Purple and White, Pink and White, White and Pink, White and Gold, Purple and Silver, Purple and Gold.

	Each	Doz.
7-in.	\$0 30	\$3 00

Michell's Wire Designs

OUR WIRE DESIGNS ARE CAREFULLY AND SUBSTANTIALLY MADE

When ordering please state Number and Size

Anchors (Flat). No. 1

10-in.	16-in.	24-in.
12-in.	18-in.	30-in.
14-in.	20-in.	36-in.
	22-in.	

Crosses (Flat). No. 74

10-in.	18-in.	28-in.
12-in.	20-in.	30-in.
14-in.	22-in.	32-in.
16-in.	24-in.	34-in.
	26-in.	

Easels. No. 52

18-in.	24-in.	30-in.
21-in.	27-in.	36-in.

Wreaths. No. 220

10-in.	16-in.	22-in.
12-in.	18-in.	24-in.
14-in.	20-in.	

All Wire Designs, prices on application

We can also supply all other styles in Wire Designs

Plain Round Magnolia Wreaths

Made on Mossed Wire

12-in. frame	Prices on application
14-in. frame	
16-in. frame	
18-in. frame	
20-in. frame	
24-in. frame	

Pine Cones

Assorted Colors. 100 in carton. Small, 100, \$2.75; Medium, 100, \$3.75; Large, 100, \$5.00.

Birch Bark

For use in covering window-boxes and for baskets and decorations. Comes in sheets from 1½ to 2 feet in width, about 10 feet long. Weights from 2 to 4 pounds to the sheet.

1 lb.	\$0 30
5 lbs.	1 35
10 lbs.	2 25
100 lbs.	20 00

Cork Bark

Very effective in training climbing pot-plants. Used by leading florists. Sheets 1½ to 2 feet wide, about 4 feet in length. Lb. 60c.

Red Cedar Bark

For covering window-boxes, baskets, or any other article. Sq. ft. 12c.; 25 sq. ft. \$2.25; bundle, about 50 sq. ft., \$4.00.

Rustic Cedar Slabs

For covering miniature log-cabins, window- and porch-boxes, urns, etc. 4 ft. long, about 3 in. wide, ½ in. thick, half round, one side plain. Running foot 4c.

Oak-Leaf Sprays

Natural preserved, long sprays for decorative work. Colors: Red, Brown, and Green. 25 lbs. \$6.50; 50 lbs. \$12.00; 100 lbs. \$21.00.

Carton Oak

Small oak twigs, especially adapted for wreaths, wreathing, or basketwork. Colors: Red, Brown, and Green. 5 lbs. \$1.75; 25 lbs. \$6.50.

Red Transparent Oak

Lb. \$1.75; 5 lbs., \$1.50 per lb.; 10 lbs., \$1.45 per lb.; 25 lbs., \$1.40 per lb.

Artificial Leaves for every purpose

MICHELL'S FLORIST SUPPLIES, continued

Cape Flowers, Natural

About 1000 to a pound

Used considerably in funeral work, taking the place of carnations.

Natural. Lb. \$2.00.

Dyed. Colors: Red, Green, Pink, Blue, Purple, Orange, and Mixed. Lb. \$2.50.

Thistles

Plain, tinted, and polychrome. In cartons containing an assortment of these colors. Carton (100) \$2.75; 1000, \$25.00.



Cycas Leaves, Green

4 to 8-in.	.....
8 to 12-in.	.....
12 to 16-in.	.....
16 to 20-in.	.....
20 to 24-in.	.....
24 to 28-in.	.....
28 to 32-in.	.....
32 to 36-in.	.....
36 to 40-in.	.....
40 to 44-in.	.....
44 to 48-in.	.....

Prices on application

Cycas Leaves, Metallic

8 to 12-in.	.....
12 to 16-in.	.....

Prices on application

Cycas Leaves, Red

4 to 8-in.	.....
8 to 12-in.	.....
12 to 16-in.	.....

Prices on application

Galax Leaves, Prepared

2000 in Carton

	1000	Carton
Green	\$2 00	\$3 50
Brown	2 00	3 50

Case of 10,000, \$14.00.

Corsage Pins

The finest indestructible, domestic Bouquet and Corsage Pin made. Colors: Violet, Pink, Red, Green, Pearl, and White.

	Gross
No. 020. 2 -in. Round head.	\$1 75
No. 020. 2 1/4-in. Round head.	1 75
No. 020. 3 -in. Round head.	1 75
No. 022. 2 -in. Oval head.	2 00
No. 022. 2 1/4-in. Oval head.	2 00
No. 022. 3 -in. Oval head.	2 00

Natural Flower Dye

For tinting fresh cut-flowers by absorption through the stem. Yellow, Pink, Red, Blue, Violet, Orange, St. Patrick's Green. Any species of flower which absorbs moisture readily may be used. Directions on each package. Price, 50c. per pkg.

Mitchell's Flower Powder

For dyeing natural flowers by dusting. Colors: Blue, Green, Lavender, Pink, Orange, Red, Yellow, Violet. Price, \$1.00 per 8-oz. jar.

Magnolia Leaves

Dux Brand. Extra-selected grade. We can supply these in green, bronze, red, or purple of extra-fine quality.

Standard cartons

10 cartons

50-lb. cases

100-lb. cases

Red leaves, per carton

Prices on application subject to our ability to procure.

Artificial Leaves

High-grade leaves for stemming or design work.

Galax Leaves

	Gross
No. 7027. Brown	\$1 00
No. 7029. Green	1 00
No. 7055. White	1 00
No. 7055. Fancy	1 00

Maple Leaves

No. 5185. Green	90
No. 5185. White	90
No. 5185. Fancy	90

Rose Leaves

Green. Large size	1 25
Green. Small size	50
Shaded. Large size	1 75
Shaded. Small size	60
Rambler	60

Vacuum Flower Holder

Made of metal, round shape, with square wire-mesh dome. Finished in green-bronze, with rubber vacuum cup in bottom, which prevents tilting over when long-stemmed flowers are placed. A great seller for the florist.

	Each	Doz.
No. 1. Small size	\$0 30	\$3 00
No. 2. Medium size	40	4 00
No. 3. Large size	50	5 00

Artificial Flowers

Suitable for wreaths and design work; best quality imported and domestic grades.

APPLE BLOSSOMS. No. 300. Gross, \$2.25

CALLA LILIES. Celluloid—100 to a box. No. 10, doz. 50c.; 100, \$3.50. No. 11, doz. 40c.; 100, \$2.50. No. 15, doz. 50c.; 100, \$4.25.

CARNATIONS. Celluloid—50 to a box. No. 800. Colors: Pink, White, Yellow and Pink, White and Pink, Red. 100, \$4.75.

CORNFLOWERS (Bachelor's Buttons). No. 289. Blue. Gross, \$2.25.

DAHLIAS. No. 7. Lavender, Pink, Purple, Red, White, Yellow. 100, \$3.85; 1000, \$35.00.

DAISIES. No. 631. White, Yellow, Coral. Gross, \$1.90.

FORGET-ME-NOTS. No. 4066. Blue. Gross, \$1.90.

LILY-OF-THE-VALLEY. No. 338. White. Gross, \$1.75.

ORCHIDS. No. 750. Celluloid. Medium size. Colors: Pink, Lavender. 100 to a box. 100, \$7.50.

POPPY. No. 13802. Celluloid. Color: Red. Doz. 30c.; gross, \$3.25.

ROSES. 50 to a box. No. 23. Celluloid. Colors: Pink and White, Yellow and Pink, White and Pink, Red. 100, \$4.85. No. 610. Wax. Pink, White, Red, Ward. 100, \$2.50. No. 600. Wax. Pink, White, Red, Ward. 100, \$3.75.

STRAWFLOWERS (Helichrysum). On wired stems. 100, \$2.00; 500, \$9.50; 1000, \$18.00.

SWEET PEAS. No. 296. Celluloid. Colors: Lavender, White, Pink, White and Pink, Yellow and Pink. Gross, \$2.50.

Jardiers, New Style

Colors: Green and Lavender.

Will hold 4-in. pot. Doz. \$1.25; 100, \$8.50. Will hold 6-in. pot. Doz. \$1.75; 100, \$13.50.

Crepe Paper



Papyrus Brand

Of domestic manufacture. The best Crepe Paper on the market. Waterproof, heavy and strong. Why experiment with inferior paper?

In moss-green, Nile-green, red, blue, pink, yellow, purple, lavender and white. 20 inches wide. Roll 45c.; doz. \$4.25; 100, \$30.00.

Script Letters

Either in Gold or Purple

10, 30c.; 100, \$2.50; 1000, \$20.00

Ten words to each package and not less can be supplied.

Father	At Rest	Peace	Good Luck
Mother	Son	Niece	Grandmother
Brother	Our	Daughter	Grandfather
Sister	My	Darling	Sympathy
Husband	Asleep	Dear	Too Soon
Aunt	Baby	Success	Welcome
Uncle	Sleeping	Beloved	Friend
Comrade	Cousin	Family	Home
Nephew	Playmate	Classmate	Wife

Letters for Design Work



No. 4

No. 1. 1 1/4-in. Gold only. 100, 50c.; 1000, \$2.85. Also numerals at the same price. No. 4. 3/4-in. Gold only. 100, 40c.; 1000, \$2.50. Also numerals at the same price.

Paper Pot-Covers

Made of waterproof crepe paper. Easily adjusted. Colors: Green only.

No. 1. 4-in. pot	\$4 50
No. 2. 5-in. pot	5 25
No. 3. 6-in. pot	6 00
No. 4. 7-in. pot	7 00
No. 5. 8-in. pot	8 25

Grass Mats

Made of green raffia on heavy burlap. They closely resemble real grass. Used extensively for store and window trim and in other decorative work. Size, 3 ft. by 6 ft. Each \$3.00; doz. \$32.50.

CHIFFONS, RIBBONS, AND POT-TIES

PLEASE NOTE—For the color line of all metallines, the following list of colors applies: White, Pink, Laurel, Premier, Yellow Hill, Talisman, Picardy, Nile, Spring Green, Times, Blue, Hortensia, Orchid, Fuchsia, Purple and Scarlet.



Shower Ribbon



Florist Ribbon



Michell's Offering of New Patterns of Metalline

These five new patterns are of the latest design and entirely different, as well as popular priced.

Pattern 1950. Width 150

A three-striped metalline of fine weave, the stripes being satin finish and the spaces between of a dull rayon which makes the design outstanding. The finish is of good texture permitting the ribbon to be made into a very nice bow that will hold its shape. We recommend this pattern for cheaper work, especially designs for your popular-priced funeral work. Price, \$1.40; 12-piece lots, \$1.35 per piece.

Pattern 1941. Width 150

An exceptionally heavy quality of woven material very suitable for the better grade of funeral work. Each edge has over 1 inch of taffeta weave, and the wide center is of a pebble-weave effect with ample space for lettering. This item is manufactured purposely for good work and makes a very beautiful bow that will stand out. It is not waterproof but has proved water-repellent and can sustain the elements, which would make it suitable for door-crapes as well as funeral work. We highly recommend this pattern as it makes a much nicer bow than satin ribbons. Price, \$2.50; 12-piece lots, \$2.35 per piece.

These patterns are put up 40 yards to a piece and are made in the following colors:

White	Purple	Better Times	Gray
Pink	Blue	Picardy	Premier
Lavender	Nile Green	Butterfly	Columbia
Orchid	Yellow	Ophelia	Fuchsia
Violet			Gold

These patterns are all different from those we have listed in past years, and we suggest you send us orders for some of each of these items. They are of the latest design and manufactured from the best rayon obtainable. As prices are subject to change without notice, it is important that you grasp this opportunity to supply your wants for the fall season without delay.

Pattern 250. Width 150

The very latest Taffeta-Center Metalline, 5 inches wide. The center stripe is two inches wide, making it very suitable for lettering. Can be used in the better or more exclusive work as the colors are very outstanding. Each edge is $\frac{1}{4}$ inch wide with a space of fine Metalline texture between the taffeta center and edge. This pattern has become very popular and has proved its worth for all occasions. Price, \$1.50; 12-piece lots, \$1.40 per piece.

Pattern 1943. Width 150

This beautiful all-over taffeta-woven Metalline has a half-inch heavy taffeta edge. Most of the colors have deeper-toned edges and are very attractive for basketwork. A double row of lettering can be used on this item for lengthy inscriptions. The most popular-priced Metalline ever manufactured as its finish permits making a bow of several loops without drooping and it also withstands atmospheric conditions. Price, \$1.65; 12-piece lots, \$1.50 per piece.

Pattern 1776. Red, White and Blue

No. 40. 3 in. wide. Price, \$1.25; 20-yd. pieces, \$1.10.

No. 80. 4 in. wide. \$1.65; 20-yd. pieces, \$1.50.

This is a satin-woven Metalline of very good quality with one stripe each of red, white, and blue. The pattern has all-year-round use for Legion work as well as other patriotic activities. It is of very good quality, woven like a satin ribbon, and the price is exceptionally reasonable.

CORSAGE RIBBONS

Pattern 3154

Silver or Gold only. Width $\frac{3}{4}$ inch. Price, 50-yd. bolt, \$1.40; 12-bolt lots, \$1.35 per bolt.

Oriole Organdy No. 3

An Organdy Ribbon $\frac{3}{4}$ inch wide, for corsage work. Excellent complement to the corsage to be worn with a chiffon or gauze evening dress. In all colors. Put up in 50-yard pieces. Price, \$1.25; 12-piece lots, \$1.20 per piece.

POT-TIES Plantine

We present here a very high-quality Silk Ribbon which we think will prove very popular for basket plants or even for corsage work. This ribbon is $\frac{3}{4}$ inch wide and can be supplied in the following colors: White, Pink, Premier, Corn, Ophelia, Token, Blue, Talisman, Violet, Lavender, Nile, Scarlet, Times, Aqua, Fuchsia and Moss. Price, 40-yd. piece 75c.; 12-piece lots, 70c. per piece.

Trim Tye No. 5

Our new design in Pot-tying Ribbon, $\frac{7}{8}$ inch wide. At the attractive price at which it is offered, it presents to all florists an unusual value, and we can recommend it very highly. In all popular colors. Put up in 50-yard pieces. Price, 75c.; 12-piece lots, 70c. per piece.

SHOWER RIBBON

Pattern 3133. No. 2

A lustrous, attractive Shower Ribbon $\frac{1}{2}$ inch wide, delicate yet firm. Colors: White, Pink, Blue, Lavender, Nile, and Hill. Put up in 50-yard pieces. Price, 75c.; 12-piece lots, 70c. per piece.

Ribbonzene

Pattern 1746. No. 1

For tying cards, etc.; $\frac{1}{4}$ inch wide. Colors: White, Pink, Lavender, Blue, Green, and Red. 500 yards to the spool. Price, spool \$1.30; 12-spool lots, \$1.25 per spool.

Christmas Red Ribbon

Pattern 3212

A very fine grade of Satin Ribbon, in a beautiful Christmas Red shade; especially adapted for all floral pieces, baskets and plants, where something exceptionally good is desired. Put up in 10-yard bolts.

No.	Width	Bolt lots
30.	3-in.	\$1.05 per bolt
80.	4-in.	1.30 per bolt
120.	5-in.	1.55 per bolt

ALL PRICES SUBJECT TO MARKET CHANGES

Michell's Insect Destroyers, Etc.

DIRECTIONS FOR USING ANY OF THE FOLLOWING WILL BE FOUND ON EACH PACKAGE

ANTROL. Complete control system of combating ants. Sets containing 4 containers and one 4-oz. bottle of syrup, 60c.; Antrol, extra containers, each 10c. Antrol Syrup, 4-oz. bottle, 20c.; pt. 50c.; qt. 90c.; gal. \$2.75. Antrol filled sets, consisting of 4 containers, 40c.

Antrol Ant and Roach Powder. An improved, fast-killing powder for the extermination of ants and roaches. Pkg. of 1 1/4 oz. in shaker twist-top can, 10c.; 4 1/2 ozs. 25c.; 5 lbs. \$4.50.

Antrol Traps. Kills both grease-and sweet-eating ants. Each 10c.

Aphine. For destroying aphids, green fly, thrips, red spider and other greenhouse and outdoor insects. It dilutes readily in water, about 1 part to 40 of the latter. Qt. \$1.00; gal. \$3.00.

Aphis Punk. Used for fumigating. (For use in greenhouses only.) For controlling green and black fly and many other forms of insects. Pkg. of 12 sheets, 85c.; case of 12 pkgs. \$8.50.

Arsenate of Calcium. Used for spraying potatoes, cotton, tobacco, etc., against chewing and leaf-eating insects. One pound makes 40 to 50 gallons. Lb. 25c.; 4-lb. bag 70c.; 24 lbs. \$3.75.

Arsenate of Lead, Powdered. One to 1 1/2 pounds dilutes to 50 gallons of water, or may be used dry, like Paris Green. Lb. 35c.; 4 lbs. 90c.; 24 lbs. \$4.50; 96 lbs. \$16.25.

BI-Chloride of Mercury. Price on application.

BLACK ARROW INSECT DUST. An economic Pyrethrum dust having repellent properties against many types of insects, as leaf-hoppers on dahlias and asters. May be used as a spray, 1 pound to 3 gallons of water. Lb. 50c.; 5 lbs. \$2.00; 10 lbs. \$3.80; 25 lbs. \$9.00; 50 lbs. \$17.00; 100 lbs. \$32.00.

Black-Leaf 40. Full directions on each package. 1-oz. bottle 35c.; 5 ozs. \$1.00; lb. \$2.25; 2 lbs. \$3.25; 5 lbs. \$5.85; 10 lbs. \$10.90; 50-lb. drum \$42.75.

Bordeaux Mixture, Powder. A 12 per cent copper mixture for spraying purposes. Lb. 30c.; 4 lbs. 90c.; 48 lbs. \$8.50; 96 lbs. \$16.25.

CATTLE FLY SPRAY. Repels horn and stable flies; kills flies by contact. Will not stain or mat hair. Induces quiet and comfort, so important in milk-production. Has clean odor. Gal. \$1.25; 5 gals. \$6.00.

Ceresan (DuBay). 2 per cent. For treating the seed of small grains, such as barley, oats, other cereals, narcissus and cotton. Two to 3 ounces are required for one bushel of seed. Lb. 75c.; 5 lbs. \$3.30; 25 lbs. \$15.00; 100 lbs. \$55.00.

Ceresan, New Improved (DuBay). For wheat. 4 ozs. 30c.; lb. 80c.; 5 lbs. \$3.40; 25 lbs. \$15.00; 100 lbs. \$55.00.

COPPERLORD (Red Copper Oxide). Dilute at the rate of 1 to 400, spraying once a week or as often as necessary for control of mildew and black-spot on roses, mildew and leaf-spot on annual and perennial flowering plants. Lb. \$2.25.

Copper Solution. Excellent spray for carnation and snapdragon rust and disease of the grape, pear, apple and other fruits; also for leaf-blight and mildew. It is diluted in water. Pt. 80c.; qt. \$1.40; gal. \$4.50; 5 gals. \$19.00.

CUPROCID, Yellow. Yellow copper-oxide spray. Has proved very effective in combating potato, tomato and celery blights. Yellow Cuprocid is a neutral spray which does not require lime, thus eliminating lime injury to plants. 3-lb. bag \$1.75.

CYANOGENAS (Calcium Cyanide). **C. Fumigant.** A valuable insecticide for greenhouse fumigation; eliminates aphids, thrips, white fly or soft scale. 5 lbs. \$3.00; 25 lbs. \$10.00; 100 lbs. \$25.00.

CYANOGENAS (Calcium Cyanide). **A Dust.** For killing rats, moles, woodchucks and other rodents. 1/2 lb. 45c.; lb. 75c.; 5 lbs. \$3.00; 25 lbs. \$10.00; 100 lbs. \$25.00.

Dutox. A non-arsenical control for beetles and leaf-eating insects. Lb. 35c.; 6 lbs. \$1.40.

Filmfast. A superior Spreader which should be added to all spray mixtures except oil sprays. Spreads the spray material evenly over the surface. Filmfast should be added at the rate of 3 pounds to each 100 gallons of spray solution. It contains no lime, so it can be used with Arsenate of Lead alone without danger of injury. 2 lbs. 45c.; 25 lbs. \$5.50; 100 lbs. \$17.00.

Fish-Oil Soap. An excellent summer spray, when something stronger cannot be used, where the San José Scale exists. It is nice for washing lemon trees, oleanders, and almost anything that would be infested with soft-shelled or, in fact, most any kind of insect. Lb. 30c.; 5 lbs. \$1.25; 10 lbs. \$2.25; 25 lbs. \$4.00; 50 lbs. \$6.25; 100 lbs. \$10.75.

Fish-Oil Soap, Good's Caustic. This comes in a soft soap form and is easily dissolved. One pound to 10 gallons water. Lb. 30c.; 5 lbs. \$1.25; 10 lbs. \$2.25; 25 lbs. \$4.00; 50 lbs. \$6.25; 100 lbs. \$10.75.

Fish-Oil Soap (Rosin). Especially recommended for the destruction of boxwood maggot, bagworm, and caterpillars. 5 lbs. \$1.40; 10 lbs. \$2.75; 25 lbs. \$4.75; 50 lbs. \$8.25.

Formacide. A stabilized formaldehyde dust, triple-strength seed- and soil-disinfectant, used as a control of damping-off. 1/2 lb. 45c.; lb. 80c.; 5 lbs. \$2.25; 25 lbs. \$9.00; 50 lbs. \$15.75; 100 lbs. \$27.00.

FumeTobac. For burning. A high-nicotine-content tobacco dust for greenhouse fumigation. 25 lbs. \$4.50; 50 lbs. \$8.00; 100 lbs. \$15.00, f.o.b. Philadelphia. 25 lbs. \$4.25; 50 lbs. \$7.50; 100 lbs. \$14.00, f.o.b. factory.

FUNGITROGEN. A highly concentrated form of fungicide that will conquer mildew and control black-spot on roses. Dilute 1 part with 60 parts water. 1/2 pt. 70c.; pt. \$1.15; qt. \$1.80; 1/2 gal. \$3.25; gal. \$5.50.

Grape and Rose Dust. A powder preparation used for mildew, aphids, black fly, and other insects, also for fungous diseases, principally in greenhouses. 5 lbs. \$1.25; 25 lbs. \$6.25; 100 lbs. \$22.00.

Hellebore. An ideal material for destroying rose-bugs, currant worms and other soft-shelled insects. 1/2 lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

JAP-BEETLE-REPELLENT. A stomach poison based on Rotonone and related organic compounds. Designed for use on flowers, vegetables, and shrubs where an arsenical deposit might be objectionable. Eight ounces will make 10 gallons of finished spray. 1/2 lb. 45c.; 2 lbs. \$1.60; 5 lbs. \$3.75.

Japtox. Kills and repels Japanese beetles. A real protection to foliage against the feeding of these pests. Lb. 60c.; 25 lbs. \$6.50; 100 lbs. \$18.00.

Kerosene Emulsion, Liquid. Miscible Oil. Makes an excellent spray for all mild forms of scale and soft lice such as infest rose and fruit bushes, vegetables and trees. Dilutes 1 part to 20 parts of water. Qt. 70c.; gal. \$1.60; 5 gals. \$5.25.

K. R. O. Kills rats only. Not a poison; not injurious to humans, livestock, dogs, cats or poultry. 2-oz. can 75c.

Lemon-Oil Insecticide. Effectually destroys mealy bug, scale, thrips and red spider. 1/2 pt. 30c.; pt. 45c.; qt. 75c.; 1/2 gal. \$1.30; gal. \$2.35; 5-gal. keg \$9.50.

Lime-Sulphur, Liquid. For scale insects on trees and shrubs and such fungous diseases as can be treated in winter or early spring; also for leaf-curl of peaches. Qt. 45c.; gal. 90c.; 5 gals. \$3.75; 1/2 bbl. (30 gals.) \$9.50; bbl. (50 gals.) \$12.50.

Lime-Sulphur, Dry Powder Form. Instantly soluble in either cold or hot water. Dilute 1 pound to 6 gallons water. Does not separate; keeps indefinitely. Lb. 30c.; 5 lbs. \$1.50; 25 lbs. \$4.35; 100 lbs. \$14.50.

Loro. A new contact insecticide for use on flowers, vegetables, shrubs, trees, and other ornamentals. Effective on aphids (plant-lice, black and green fly), thrips, midge, red spider, mealy bug, lace fly, white fly, and leaf-hopper. Pt. \$2.00; gal. \$10.50; 5 gals. \$45.00.

MAGIKIL JELLY. New and very effective Ant Control; also used to eliminate roaches, rats, and mice. 1-oz. tube 35c.; 8-oz. tube \$1.65.

Naphtha Flakes. For cleaning the soil. Will control thrips, sow-bugs, and other earth vermin. Lb. 20c.; 10 lbs. \$1.60; 25 lbs. \$3.75; 50 lbs. \$7.00; 100 lbs. \$13.00.

Nico-Fume, Liquid. A modern insecticide for vaporizing and spraying. Lb. \$2.25; 4 lbs. \$5.75; 8 lbs. \$10.00; 40 lbs. \$40.00.

Nico-Fume Fumigating Powder. A 12 1/4 per cent nicotine fumigator for greenhouse use. Complete with directions in each can. 1-lb. tin \$1.00; 5-lb. size \$3.25; 10-lb. size \$5.85.

Nico-Fume Pressure Fumigator Holders. For hand-directed fumigation with the Pressure Fumigator. Each \$1.00.

Nico-Fume Powder Pressure Fumigator. Nico-Fume Powder is supplied in a special tin in which the powder is burned under pressure, producing finely divided fumes that quickly fill the house. 1/2 lb. size 45c. each; 6 for \$2.40; case lots of 1 doz. \$4.20. Lb. size 75c. each; 6 for \$3.75; case lots of 1 doz. \$7.00.

Nikoteen. 40 per cent solution. 4 lbs. \$6.00; 8 lbs. \$11.50.

Nikoteen. 30 per cent solution. One of the very best forms of tobacco or nicotine preparations. 1-oz. bottle 25c.; doz. \$2.50; 2-oz. bottle 40c.; 1/2-lb. bottle \$1.10; 1-lb. bottle \$2.00; 4-lb. bottle \$5.50; 8-lb. bottle \$10.50.

Nicotine Pyrox. An insecticide and fungicide that kills all common bugs and controls blight and other plant diseases. 17.6 ozs. 60c.; 5 lbs. \$2.00.

Nnor. Contact insecticide for control of red spider and most soft-bodied insects on standard greenhouse crops. Gal. \$10.00; 5 gals., \$9.00 per gal.

ALL PRICES SUBJECT TO MARKET CHANGES

Michell's Insect Destroyers, Etc.

DIRECTIONS FOR USING ANY OF THE FOLLOWING WILL BE FOUND ON EACH PACKAGE

No-Py-Ro. A new synthetic insecticide for controlling aphids, red spiders, thrips, white-flies and mealy bugs. As its name implies, it contains neither Pyrethrum nor Rotenone. It has high wetting and spreading properties, and will mix with hard or soft water. Qt. \$3.00; gal. \$10.00; 5 gals. \$45.00; 15 gals. \$127.50; 30 to 50 gals. \$8.00 per gal.
(Freight allowed on orders of 10 gals. or more.)

Para-Dichlorobenzene. For peach-tree borers. Full directions on each package. 1-lb. can 45c.; 5-lb. can \$1.85; 10-lb. can \$3.50; 25-lb. keg \$8.00; 100-lb. keg \$23.00.

Paris Green. A poisonous powder for potato-bugs, worms, caterpillars, slugs, etc. 1/4 lb. 20c.; 1 lb. 55c.; 5 lbs. \$2.50; 14 lbs. \$6.10.
Pomo-Green or Massey Dust. A leaf-green dust for protecting roses and other flowering plants against insects and fungous diseases. Lb. 40c.; 5 lbs. \$1.65.

Pomo-Green with Nicotine. A leaf-green all-in-one dust or spray for leaf-eating insects and many plant diseases. Lb. 70c.; 5 lbs. \$2.75.

Pyrethrum Powder. Valuable as a poison for plant-lice, water-bugs, roaches, etc., also the strawberry moth. Lb. 55c.; 5 lbs. \$2.50; 10 lbs. \$4.75.

Pyrote. A safe insecticide for killing both chewing and sucking insects; especially recommended to florists. 1-oz. bottle 35c.; 6 ozs. \$1.00; pt. \$2.50; gal. \$13.50.

Pyrox. A combined insecticide and fungicide for all leaf-eating insects, blights and fungous troubles. 25 lbs. \$5.75; 50 lbs. \$8.35; 300 lbs. \$34.50.

Rat Paste (Zelio). The most efficient poison for destroying rats, mice and other rodents. 2-oz. tube 50c.

Red Arrow Insect Spray (Pyrethrum Soap). A safe, efficient insecticide for use against sucking and chewing insects. 1-oz. bottle 30c.; 1/4 pt. 90c.; pt. \$2.75; qt. \$3.35; gal. \$10.70; 5-gal. can \$47.50; case of 6 gals., \$10.35 per gal.

Red Arrow "Special." A new highly concentrated straight pyrethrum spray with a special spreading agent. Recommended for the control of leaf tyers and leaf rollers on chrysanthemums. Gal. \$11.35; 5 gals. \$51.75; case of 6 gals., \$11.00 per gal.

Rotecide, Extra. A safe insect spray for the control of mealy bugs, white flies, midges, aphids, etc. Not injurious to tender plants and flowers. Qt. \$3.00; gal. \$8.00.

Scalecide. Used for the destruction of the San José Scale. Spray when the trees are dormant. Qt. 75c.; gal. \$1.75; 5 gals. \$6.35; 10 gals. \$10.90; 30 gals. \$23.75; 50 gals. \$32.90.

Scale Oil. An efficient oil spray for controlling scale insects, aphids, thrips, red spider, etc. Qt. 70c.; gal. \$1.60; 5 gals. \$5.50; 30 gals. \$21.25; 50 gals. \$29.25.

Selocide. A powerful new killing agent that gives positive control of red spiders in one application; also kills the eggs and does not harm tender plants. Dilute 1 part to 49 parts of water. Gal. \$3.00; 5 gals. \$13.50; 10 gals. \$24.50.

Semesan (DuBay). A mercuric disinfectant for the control of many seed, plant, and soil diseases. 1/2 oz. 10c.; 2 ozs. 40c.; lb. \$2.50; 5 lbs. \$11.40; 25 lbs. \$52.50; 100 lbs. \$198.00.

Semesan Special (DuBay). A grass disinfectant for brown-patch. 5 lbs. \$7.80; 25 lbs. \$36.00; 100 lbs. \$135.00.

Slug Shot, Dust. For currant worms, rose-slugs, cabbage worms and almost any soft-shelled insects. 1-lb. carton 25c.; 5 lbs. \$1.00; 25 lbs. \$4.75; 125-lb. barrel \$17.50; full barrel lots (250 lbs.) \$33.00.

Soap (C.P.O.). For control of many insects on evergreens, flowering plants, fruits and vegetables. 3-oz. bottle 20c.; pt. 70c.; qt. \$1.10; gal. \$2.75; 5 gals. \$10.25.

Spreader, Grasselli. This is a combined spreading, sticking, and wetting agent, designed especially for use with agricultural sprays. It has certain well-defined agents, in the fact it is compatible with natural hard water, weak acids, and alkalis. It is a liquid and mixes readily with cold water. The principal sticking agent in Grasselli Spreader is a plastic substance that does not harden, crack, or peel when dry. Pt. 75c.; gal. \$4.95; 5 gals. \$23.00.

Sulphate of Copper. For destroying fungous diseases of all kinds; also used in making Bordeaux mixture and for spraying potato vines in connection with Paris Green. Lb. 20c.; 5 lbs. 80c.; 10 lbs. \$1.50; 25 lbs. \$3.50; 100 lbs. \$12.50.

Sulphate of Aluminum. Used in conjunction with Hydrated Lime, this material makes a safe and excellent repellent for Japanese and Asiatic beetles. One pound of Aluminum Sulphate with 6 1/2 pounds of Hydrated Lime will make 33 gallons of diluted spray. 5 lbs. 45c.; 10 lbs. 75c.; 25 lbs. \$1.35; 100 lbs. \$3.50.

Sulphur. Lb. 10c.; 5 lbs. 45c.; 10 lbs. 85c.; 25 lbs. \$2.00; 100 lbs. \$7.00; barrel lots (about 155 lbs.) 6 1/2c. per lb.

SULPHUR DUST D. N. No. 10. For control of red spider, thrips, and rust disease on carnations. 10 lbs. \$3.50; 50 lbs. \$12.50; 100 lbs. \$24.00.

D. N. No. 12. 10 lbs. \$4.50; 50 lbs. \$20.00.

SULPHUR, WETTABLE. *Dritomic.* A new and greatly improved summer fungicide containing 95 per cent Sulphur of 325-mesh fineness. It wets immediately upon being placed in water and will stay in suspension indefinitely. Ideal for wet spraying of fruit and ornamental trees to control scab rot, leaf-spot, mildew, rust, etc. Lb. 15c.; 2 lbs. 20c.; 5 lbs. 45c.; 50 lbs. \$3.60.

SPOR-GO. Spray Powder. For better vegetables from your Victory Garden. A fungicide that controls diseases on plants, Spor-GO contains in a more efficient chemical form over twice as much copper as commercial Bordeaux. With spreading and adhesive agents blended in, Spor-GO covers more uniformly and is more resistant to weather. Its smooth protective film is more persistent, more toxic to fungi; but it is less likely to injure very tender vegetation. Controls early and late blight on potatoes, tomatoes; anthracnose, leaf-spot and mildew on cucumbers, melon, squash; leaf-spot and mildew on beets, carrots, parsnips, spinach; downy mildew on lettuce; powdery mildew, black-spot, and leaf-spot on roses. One ounce makes 2 1/2 gallons of Finished Spray. 8-oz. canister (makes 20 gals.) 50c.; 20-oz. canister (makes 50 gals.) \$1.00.

SUNOCO SPRAY OIL. For the control of scale insects, red spider, aphids, thrips, etc.; cheap, effective and pleasant to handle. Gal. \$1.30; 5 gals. \$5.25; 15 gals. \$9.50; 30 gals. \$14.50; 55 gals. \$22.00.

Supersat. A two-unit concentrate mixed in equal parts. Kills red spider and their eggs without injury to plants. Qt. \$3.00; gal. \$11.00.

Thalate Ant Traps. Each 25c.

TARTAR EMETIC. To control gladiolus thrip, use 4 lbs. Tartar Emetic with 16 lbs. brown sugar to 100 gals. of water. Lb. 90c.; 5 lbs. \$4.50; 25 lbs. \$22.00.

Terogen. A new autumn and winter ground-dressing, acting both as a fertilizer and an insecticide. Lb. 70c.; 2 lbs. \$1.15; 5 lbs. \$2.50; 10 lbs. \$4.25; 25 lbs. \$10.00; 50 lbs. \$19.00; 100 lbs. \$36.00.

Thrip Juice, Hammond's No. 2. This preparation is very effective against aphids, red spider, mealy bugs, and sucking insects generally. Gal. \$5.50.

Tobacco Dust, for dusting. 5 lbs. 35c.; 10 lbs. 60c.; 25 lbs. 90c.; 100 lbs. \$3.00; 500 lbs. \$13.75; 1/2 ton \$25.00; ton \$47.00.

Tobacco Dust, for fumigating. 5 lbs. 40c.; 25 lbs. \$1.15; 50 lbs. \$2.00; 100 lbs. \$3.75; 500 lbs. \$18.00.

Tobacco Stems (Fresh). 5 lbs. 25c.; 10 lbs. 40c.; 25 lbs. 75c.; large bales at 2c. per lb.; 1/2 ton \$14.00; ton \$25.00.

TO-NA-CIDE. An effective soil-fumigant that kills thrips, millipedes, sowbugs, etc. 25 lbs. \$4.00; 50 lbs. \$7.00; 100 lbs. \$13.00.

TOPTOX. A complete spray containing its own spreader. Acts both as contact and stomach poison to either chewing or sucking insects. Does not discolor or injure the most delicate plants and is non-injurious to humans when used as directed. Oz. 35c.; 6 ozs. \$1.00; qt. \$4.00; gal. \$11.50.

TREE TANGLEFOOT. A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. 6 ozs. 50c.; lb. 80c.; 5 lbs. \$3.75; 10 lbs. \$7.00; 25 lbs. \$15.00.

Tri-Ogen. A combined spray; complete protection against plant insects and diseases. Small kit (makes 16 qts.) \$1.40; medium kit (makes 64 qts.) \$3.50; large kit (makes 32 gals.) \$5.50.

VITAMIN B1 (Thiamine Hydrochloride). An astounding new discovery in the field of "growth substances" for plant-life. Vitamin B1 stimulates root-growth; thus its benefits are reflected in its ability to restore sick and straggly plants to health, to produce larger blooms, and to prevent root-shock in transplanting. We offer this powder in vials containing enough to make 500 gallons of solution. Vial \$1.00.

VOLCK (Garden). A Volck-Nicotine combination spray for the garden; controls red spider, mites, white flies, scales, mealy bugs, caterpillars, aphids, thrips, etc.; also acts as a repellent. 3 1/2 ozs. 35c.; pt. \$1.00; qt. \$1.50; gal. \$4.50.

Volck (Nursery). A mineral-oil spray for use on growing plants in greenhouse and garden. It is not to be confused with "Garden Volck," which contains soap and nicotine. 1/2 pt. 35c.; qt. 75c.; gal. \$2.25; 5 gals. \$9.00; 28 gals. \$30.00.

WILSON'S O. K. PLANT SPRAY. A powerful, efficient insecticide for aphids, red spider, mildew, scale, etc. Qt. \$1.00; gal. \$3.00; 5 gals. \$12.00; 10 gals. \$22.00; 30 gals. \$57.00; 50 gals. \$90.00.

Worm Destroyer. For earthworms. A powder to be distributed over a given surface and soaked with water. 100-lb. bag \$5.50; 500 lbs. \$22.50; 1/2 ton \$42.00; ton \$80.00.

ALL PRICES SUBJECT TO MARKET CHANGES

Michell's High-Grade Fertilizers

PLEASE NOTE—No smaller quantity of Fertilizer than here offered can be supplied

ADCO. A bacterial food for making artificial manure, by mixing it with leaves, grass-cuttings, green weeds or, in fact, all the many wastes that accumulate during the garden year, and applying water. The product is a clean manure. 7½ lbs. 90c.; 25 lbs. (sufficient to make ½ ton manure) \$1.90; 150 lbs. (sufficient to make 3 tons manure) \$10.00; 600 lbs. \$40.00; 2100 lbs. \$138.00.

All-Crop Fertilizer. For all vegetable crops, grain, grass, etc. 100 lbs. \$3.25; 200 lbs. \$6.00; ½ton \$25.00; ton \$47.00.

Ashes, Canada Hardwood. Apply 1000 pounds per acre. Indispensable for all crops requiring potash; excellent for mixing with potting soil. For top-dressing lawns and grass-fields it is applied to best advantage either in very early spring or late fall. 25 lbs. 85c.; 50 lbs. \$1.50; 100 lbs. \$2.75; 200-lb. bbl. \$4.25; ½ton \$19.00; ton \$36.00.

Asparagus Fertilizer. A mixture that promotes the root- and top-growth. Apply 800 pounds per acre. 100 lbs. \$3.25; 200 lbs. \$6.00; ½ton \$25.00; ton \$47.00.

Blood, Dried. For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. Not available at present. Prices on application.

Blood, Bone and Potash. A very high-grade fertilizer for the flower and vegetable garden. 100 lbs. \$4.25; ½ton \$36.00; ton \$71.00.

Blood Flour. Similar to dried blood, except that it is finer and acts almost instantly. Not available at present. Prices on application.

Bone, Coarse ground. Apply 800 to 1000 pounds per acre. Prepared from raw bone, exactly like bonemeal, except that it is not so fine or quick in action. It is used for the same purposes. 100 lbs. \$6.00; ½ton \$42.00; ton \$82.00.

Bone Flour. Finely pulverized and bolted. Effective immediately. For rose-growing this cannot be excelled. Rich in phosphoric acid and ammonia. 5 lbs. 45c.; 10 lbs. 80c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50; ½ton \$38.00; ton \$74.00.

BONEMEAL, Michell's Special Florist's Brand. Apply 800 to 1000 pounds per acre. Made from pure raw bone, without any addition of materials. The ideal bone for rose-beds and greenhouse use. 5 lbs. 40c.; 10 lbs. 70c.; 25 lbs. \$1.35; 50 lbs. \$2.25; 100 lbs. \$4.00; 200 lbs. \$7.75; ½ton \$35.00; ton \$68.00.

BONE MEAL, RAW. Prepared from unsteamed bone, this fertilizer is higher in nitrogen than regular bonemeal, but slower in action. Price on application.

Bovung. A natural cow-manure containing not less than 75 per cent organic matter, thoroughly dehydrated and well pulverized. Free from live weed seeds; excellent for potted and field-grown plants as well as upon lawns. 25 lbs. 90c.; 50 lbs. \$1.45; 100 lbs. \$2.75; 500 lbs. \$12.75; ½ton \$23.50; ton \$45.00.

Cottonseed Meal. Apply 800 pounds per acre. Exceedingly rich in potash and ammonia; excellent as a grass and grain fertilizer. Not available at present.

Cow or Cattle Manure, Pulverized or Shredded. Thoroughly sterilized and weedless. Quick in action and especially desirable for pot-plants, etc. 25 lbs. \$1.10; 50 lbs. \$1.75; 100 lbs. \$3.25; ½ton \$26.50; ton \$51.00, f.o.b. Philadelphia.

Cow or Cattle Manure. Shipment when stock is available.

ELECTRA. A perfectly balanced fertilizer which is more than 80 per cent organic. It is becoming more popular with the growers because it can be used for almost any purpose. 5 lbs. 60c.; 25 lbs. \$2.50; 50 lbs. \$4.00; 100 lbs. \$6.75.

Ferogen. A spring and summer ground-dressing. Reinforces any manure fertilizers you may use. Lb. 70c.; 2½ lbs. \$1.15; 5 lbs. \$2.50; 10 lbs. \$4.25; 25 lbs. \$10.00; 100 lbs. \$36.00.

Horn Meal. 25 lbs. \$1.75; 50 lbs. \$3.25; 100 lbs. \$6.00.

Horn Shavings. Used principally for mixing in potting soil. Rich in ammonia. Especially valuable in chrysanthemum growing. 50 lbs. \$6.50; 100 lbs. \$12.00.

Horse Manure. See Manure.

Hortobacco, Michell's. Gives immediate and continuous fertilization; destroys insects; makes bigger blooms and longer stems when used for flowering plants; valuable also for the vegetable garden. 5 lbs. 35c.; 10 lbs. 60c.; 25 lbs. \$1.10; 50 lbs. \$1.75; 100 lbs. \$3.00; ½ton \$23.50; ton \$45.00, f.o.b. Philadelphia.

Hyper-Humus. An excellent article to incorporate with poor soil in the garden or greenhouse; especially desirable for mixing with potting soil. 5 lbs. 25c.; 10 lbs. 40c.; 25 lbs. 75c.; 50 lbs. \$1.00; 100 lbs. \$1.75; 500 lbs. \$8.00; ½ton \$13.00; ton \$22.50. Carload lots (minimum 25 tons) in bulk, ton \$9.00, f.o.b. Hyper-Humus N. J.

Hypoxen Plant Food. Highly concentrated. One pound makes 100 gallons. Use it for seedlings, cuttings, transplanting and general feeding. Contains Vitamin B. Lb. \$1.00; case of 12 1 lbs. \$8.00; 10 lbs. \$5.34; 25 lbs. \$10.00; 50 lbs. \$16.67; 100 lbs. \$26.67.

Kainit (Potash Salts). Apply 800 to 1000 pounds per acre. Excellent for potatoes, corn, and other grains. 5 lbs. 35c.; 10 lbs. 60c.; 25 lbs. \$1.10; 100 lbs. \$3.25; ½ton \$26.50; ton \$51.00.

Land Plaster. Apply about 1500 to 2000 pounds per acre. For top-dressing sour and worn-out soils, also for mixing with Paris Green. 25 lbs. 75c.; 50 lbs. \$1.10; 100 lbs. \$1.75; ½ton \$15.00; ton \$27.50.

LAWN DRESSING, MICHELL'S. This is a complete balanced fertilizer for fairways and putting greens and is highly desirable, for it avoids putting on fertilizers some parts of which are suitable only for grass-growing purposes. This fertilizer is complete in every way and will produce wonderful results. Apply at the rate of 1000 pounds per acre. 5 lbs. 45c.; 10 lbs. 75c.; 25 lbs. \$1.35; 50 lbs. \$2.25; 100 lbs. \$4.00; ½ton \$35.00; ton \$68.00.

LEGUME-AID. Moist composition base. A pure culture of nitrogen-fixing bacteria for inoculating all leguminous crops, such as beans, peas, clovers, etc. When ordering, be sure to state what crops you wish to inoculate. Special garden size, for Garden Peas, Beans and Sweet Peas, 10c. For Alfalfa and all Clovers, ½-bus size 30c.; 1-bus. size 50c.; 2½-bus. size \$1.00. For Soy Beans, Vetches, Cowpeas, Garden Peas, and Beans, 1-bus. size 30c.; 2-bus. size 50c.; 5-bus. size \$1.00; 50-bus. size \$5.00.

We can also supply Agar (Jelly) Base at same prices. When ordering, always state what kind of seed you wish to inoculate.

Lime, Hydrated or Powdered. For mixing with earth or other purposes where a soil-sweetener is needed. 10-lb. box 25c.; 50 lbs. 75c.; 100 lbs. \$1.35; 500 lbs. \$5.75; ½ton \$9.50; ton \$17.50.

Limestone, Pulverized. For applying to sour and worn-out soils at the rate of 1 ton per acre. 100 lbs. \$1.10; 500 lbs. \$4.50; ½ton \$8.25; ton \$16.00.

LIQUA-VITA. A liquid plant-food containing three major plant-foods, plus Vitamin B, Plant Hormones, and nine secondary plant-foods. It is as safe on small seedlings as on large plants. 4 ozs. 25c.; 12 ozs. 50c.; qt. \$1.00; gal. \$3.50; 5-gal. bbl. \$12.00; 10-gal. bbl. \$20.00.

Manure. At short notice we can usually supply first-class horse, cow- and stock-yard manure in carload lots only. Prices quoted on request.



MILORGANITE (6-2-0)

A specially prepared, activated sewage sludge, entirely organic and absolutely safe to apply on lawns, flower-beds, trees,

etc. 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00; 500 lbs. at \$2.75 per 100 lbs.; 1000 lbs. at \$2.50 per 100 lbs.; ton \$45.00.

Mum Manure (Smith's). A perfect food for Mums and other flowers, either under glass or in the garden. Used both as to top-dressing and as liquid manure. 50 lbs. \$2.50; 100 lbs. \$4.50; 500 lbs. or over at \$4.15 per 100 lbs.

Muriate of Potash. Apply 100 to 150 pounds per acre, usually with other fertilizers. This must be used with great care, as it is very powerful. Excellent for potatoes, corn, and other grains. Analysis equal to 50 per cent actual potash. 5 lbs. 45c.; 10 lbs. 75c.; 25 lbs. \$1.35; 50 lbs. \$2.00; 100 lbs. \$3.50; 200 lbs. \$6.75; ½ton \$28.50; ton \$55.00.

Nitrate of Soda. Apply 100 to 150 pounds per acre, mixing with land plaster or other fertilizers to render application easier. Use only after plants are above ground. If used in liquid form, dilute 2 ounces to 1 gallon of water and do not apply oftener than twice a week. 5 lbs. 45c.; 10 lbs. 75c.; 25 lbs. \$1.35; 50 lbs. \$2.25; 100 lbs. \$4.00; ½ton \$34.00; ton \$66.00.

Peat Moss, Torf Mull (Granulated). Bale \$4.50.

Phosphate, Ammoniated. For all vegetable crops, grains, grass, etc. Apply 800 to 1000 pounds per acre broadcast. 25 lbs. \$1.10; 50 lbs. \$1.75; 100 lbs. \$3.25; 200 lbs. \$6.00; ½ton \$25.50; ton \$49.00.

PLANT DINNER. Has proved that it will produce better foliage, color, sturdiness, growth, flowers, and fruit than can otherwise be obtained, and will cause a larger percentage of germination, better rooting systems, and better seedlings for transplanting. See directions on package. 10c. size, \$1.00 per carton of 20. 25c. size, \$2.00 per doz. 6-oz. size, 75c. each; \$6.00 per doz. 5-lb. size, \$7.85 each. 10-lb. size, \$13.75 each.

ALL PRICES SUBJECT TO MARKET CHANGES

Michell's High-Grade Fertilizers

If small quantities of fertilizers where listed are wanted by Parcel Post, please add for postage as follows: 10c. for 3 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., to the First and Second Zones; for other Zones, please add additional postage. Larger quantities by Express or Freight

Phosphate, Super (20 per cent). Apply 1000 pounds per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. 100 lbs. \$2.25; 200 lbs. \$4.00; ½ ton \$17.00; ton \$32.00.

PLANTABBS. An odorless plant-food in tablet form, for all plants in the house or garden. They dissolve in water almost instantly and make a wonderful liquid fertilizer. Pkg. of 30 tablets, 25c.; doz. \$2.00; pkg. of 75 tablets, 50c.; doz. \$4.00; pkg. of 200 tablets, \$1.00; doz. \$8.00; can of 1000 tablets, \$3.50; doz. cans \$37.80.

Potato Fertilizer (Michell's). Apply 800 to 1000 pounds per acre. The principal fertilizer for potatoes in this section, being especially compounded for this purpose. 25 lbs. \$1.10; 50 lbs. \$1.75; 100 lbs. \$3.25; 200 lbs. \$6.00; ½ ton \$25.00; ton \$47.00.

Salt. For agricultural purposes, asparagus beds, and putting on walks and roads to kill weeds. Apply 800 pounds per acre. 100 lbs. \$2.25; 200 lbs. \$4.00; ½ ton \$17.00; ton \$32.00.

SHEEP MANURE, Wizard Brand. F.o.b. Philadelphia. Apply 1000 pounds per acre. For garden, lawn or greenhouse use, nothing surpasses sheep manure. It is clean and easily handled, besides giving immediate results. 5 lbs. 35c.; 10 lbs. 60c.; 25 lbs. \$1.10; 50 lbs. \$1.75; 100 lbs. \$3.25; ½ ton \$26.50; ton \$51.00.

Sheep Manure, Wizard Brand. F.o.b. Chicago. For our western and southwestern customers shipment can be made from Chicago at considerable saving in freight charges. Shipment when stock is available.

Soot, Imported Scotch. This is used principally for bringing a good healthy color into the foliage of chrysanthemums and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$2.25; 100 lbs. \$7.50; 500 lbs. \$35.00.

Sulphate of Aluminum. Especially adapted for fertilizing rhododendrons and other plants requiring an acid soil. 5 lbs. 45c.; 10 lbs. 75c.; 25 lbs. \$1.35; 100 lbs. \$3.50; ½ ton \$28.50; ton \$55.00.

Sulphate of Ammonia. Apply 75 to 100 pounds per acre only with other fertilizers deficient in nitrogen. This material will stimulate growth almost immediately. Analysis: Equal to 25 per cent of ammonia. 5 lbs. 45c.; 10 lbs. 75c.; 25 lbs. \$1.35; 50 lbs. \$2.25; 100 lbs. \$4.00; 200 lbs. \$7.75; ½ ton \$35.00; ton \$68.00.

Sulphate of Potash. Apply 100 to 125 pounds per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for root and grain crops. Analysis: Equal to 50 per cent of actual potash. 5 lbs. 70c.; 10 lbs. \$1.10; 25 lbs. \$1.75; 50 lbs. \$3.25; 100 lbs. \$6.00; 200 lbs. \$11.00.

Tankage. This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 10 lbs. 75c.; 25 lbs. \$1.35; 50 lbs. \$2.25; 100 lbs. \$3.85; ½ ton \$33.50; ton \$65.00.

Terogen. A new autumn and winter ground-dressing, acting both as a fertilizer and an insecticide. Lb. 70c.; 2 lbs. \$1.15; 5 lbs. \$2.50; 10 lbs. \$4.25; 25 lbs. \$10.00; 50 lbs. \$19.00; 100 lbs. \$36.00.

Tobacco Stems. For fumigating, mulching, and fertilizing. 5 lbs. 25c.; 10 lbs. 40c.; 25 lbs. 75c.; bale lots at 2c. per lb.; ½ ton \$14.00; ton \$25.00.

WIZARD BRAND SHEEP MANURE

Pulverized. Every weed seed killed—made easy to handle by an extensive process of drying, sterilizing, screening and grinding. Bone dry, convenient, the equivalent of a whole wagonload of crude manure in a bag. Not only has an excellent plant-food analysis, but what is more important, supplies humus, that wonderful soil-conditioner.

For the Florist. Wizard gives you pure manure, sterilized, safe and free from weed seeds, easy to use on the benches for mixing with bench or potting soil and liquid feeding.

Lawns. Wizard produces a thick, velvety green lawn of lasting beauty. Make an application of it and you will be surprised at the new beauty it will develop.

Prices, f.o.b. Philadelphia, 5 lbs. 35c.; 10 lbs. 60c.; 25 lbs. \$1.10; 50 lbs. \$1.75; 100 lbs. \$3.25; ½ ton \$26.50; ton \$51.00.

Prices, f.o.b. Chicago, 100 lbs. \$2.75; ½ ton \$20.00; ton \$38.00.

TREE FOOD, MICHELL'S. A wonderful fertilizer for fruit and shade trees. Contains the three necessary elements to promote vigorous growth. 25 lbs. \$1.35; 50 lbs. \$2.25; 100 lbs. \$4.00; ½ ton \$35.00; ton \$68.00.

Universal Acid Plant Food. For gardenias, azaleas and other acid-loving plants. 100 lbs. \$6.75.

Vigoro Victory. A specially prepared plant-food for lawns, vegetable gardens, flower gardens, shrubbery, trees, etc. 5 lbs. 50c.; 10 lbs. 80c.; 25 lbs. \$1.40; 50 lbs. \$2.25; 100 lbs. \$3.50.

Vigoro. (Greenhouse.) Especially adapted for use in greenhouse. 100 lbs. \$4.00; 500 lbs. and over at \$3.00 per 100 lbs.

WONDER WORKER FERTILIZER. An extremely high-grade, animal base fertilizer, adapted for growing all vegetable crops. Will not burn, and not being a chemical product, no special instructions are necessary. Analysis: Ammonia, 6 per cent; Phosphoric Acid, 8 per cent; Potash, 5 per cent. 100 lbs. \$4.00; ½ ton \$35.00; ton \$68.00.

Wood Ashes. See Ashes at top of opposite page.

SMITH'S MUM MANURE

For the Florist who wishes to make money by growing
MUMS, CARNATIONS and ROSES

This food is in a class by itself for producing blooms of unusual quality and color. It is compounded so as to grow longer, stiffer stems and impart the correct color to foliage. It can be used as a top-dressing or liquid.

50 lbs. \$2.50; 100 lbs. \$4.50; 500 lbs. or over at \$4.15 per 100 lbs.

ROOT-FORMING CHEMICALS

ROOTONE
PATENTS PENDING

Rootone. The plant hormone powder. Roots cuttings faster and makes more roots. Just dip cuttings in the dry powder and set in the propagating

bed. Seeds and bulbs root faster and flower sooner when dusted before planting. ¼ oz. pkg. 25c. each; doz. \$2.00. 2 ozs. \$1.00; doz. \$8.00. Lb. \$5.00; doz. \$40.00.

TRANSPLANTONE
Reg. U. S. Pat. Off.

A stimulant for already formed root-growth. Transplantone contains chemicals which stimulate root-formation and growth at transplanting period. Excellent for established plants. Dissolve one teaspoonful in one gallon of water. Oz. 50c.; doz. \$4.00. 3 ozs. \$1.00; doz. \$8.00. Lb. \$4.00; doz. \$32.00.

HORMODIN (The Root-Forming Chemical)

Each package contains a calibrated easy-to-use measure, complete directions, and a treatment chart. Price, 20-unit size 50c.; doz. \$4.00. 60-unit size \$1.00; doz. \$8.00. 240-unit size \$2.50.

HORMODIN POWDER

This Hormone Powder produces better roots—faster. Simply dip moistened stems in Hormodin Powder and place in usual propagating medium. For house, garden, and greenhouse plants use Hormodin Powder No. 1; also available as Powder No. 2 for woody types, and Powder No. 3 for evergreens.

No. 1. 1 ¾ oz. 50c.; lb. \$3.00
No. 2. 1 ¾ oz. 75c.; lb. \$4.50
No. 3. Oz. \$1.00; ½ lb. \$4.50

VITAMIN B-1

Owing to the unusual demand for VITAMIN B-1 in the various forms, we can now furnish this material as follows:

	Bottle	Doz.
Vitamin B-1 Crystalline Powder	\$1 00	\$7 80
Vitamin B-1 Pellets, 100-milligram to bottle	1 00	7 80
Vitamin B-1 Pellets, 100-1/25-milligram size	35	3 00
Vitamin B-1 Liquid	35	3 00

ALL PRICES SUBJECT TO MARKET CHANGES

MICHELL'S FLOWER POTS, TUBS, ETC.

Fern Dish Liner
Earthen Fern Pan



Cedar Tub

Keystone Tub

Earthen Flower Pot

Azalea Pot

Earthen Bulb Pan

Earthenware Saucer

Krick's Pot Hanger

Eureka Pot Hanger

Cedar Tubs

Equipped with strong iron hoops

These are made by hand of the very best white cedar, painted green. All measurements are inside.

	Top Diam.	Depth	Each
No. 0	24 3/4 in.	24 in.	\$12 50
No. 1	23 3/8 in.	22 in.	11 50
No. 2	21 in.	20 in.	10 50
No. 3	18 1/2 in.	18 in.	9 25
No. 4	16 1/2 in.	16 in.	7 75
No. 5	14 1/4 in.	14 in.	6 75
No. 6	12 3/4 in.	12 in.	5 75
No. 7	11 3/4 in.	10 in.	5 00
No. 8	10 1/4 in.	9 1/2 in.	4 25

Michell's Keystone Tubs

Made of white cedar, painted green and bound with strong wire hoops. Handles are sold separately at 25c. per pair.

	Inside Diam.	Depth	Each	Doz.	100
No. 1	6 in.	6 in.	\$0 70	\$8 15	\$61 00
No. 2	7 in.	7 in.	85	8 40	63 00
No. 3	8 in.	8 in.	90	9 10	68 00
No. 4	9 in.	9 in.	1 00	9 85	74 00
No. 5	10 in.	9 in.	1 10	11 50	85 00
No. 6	11 in.	10 in.	1 35	14 00	106 00
No. 7	12 in.	11 in.	1 60	17 00	129 00
No. 8	13 in.	12 in.	2 10	21 00	164 00
No. 9	14 in.	13 in.	2 30	25 00	
No. 10	15 in.	14 in.	2 55	27 00	
No. 11	16 in.	15 in.	2 95	30 00	
No. 12	17 in.	16 in.	3 35	36 00	
No. 13	18 in.	17 in.	4 00	43 00	
No. 14	19 in.	18 in.	4 85	52 00	

BB Garden Flats

These are a great convenience to anyone growing plants, flowers, or vegetables from seed. Made from choice lumber and have a removable front so that the pots can be easily taken out without breaking up the soil or disturbing the roots. The 2-inch pots are suitable for most flowering plants and smaller vegetables; the 3-inch pots, for tomatoes, egg-plants, cabbage, etc.

Prices for Flats Only

No.	Size	Capacity	Each
X1.	12 3/8 x 12 3/8 in.	36 2-in. pots	\$0 45
X3.	12 3/8 x 12 3/8 in.	16 3-in. pots	50
X118.	12 3/8 x 18 3/8 in.	54 2-in. pots	60
X318.	12 3/8 x 18 3/8 in.	24 3-in. pots	65

Prices Complete with Pots

No. XP1.	36 2-in. or 16 3-in. pots	\$0 95
No. XP118.	54 2-in. or 24 3-in. pots	1 15

Prices on Pots Only

	100	1000
No. P1.	2-in.	\$0 90 \$8 00
No. P2.	3-in.	1 35 12 00

Earthen Bulb Pans

Diam.	Doz.	100	1000
6 in.	\$0 95	\$6 50	\$51 00
7 in.	1 65	10 80	85 05
8 in.	2 35	15 60	122 85
9 in.	3 50	21 50	
10 in.	5 00	29 50	
12 in.	9 50	60 00	
14 in.	16 00	95 00	

Earthen Fern Pans

Width	Height	Each	Doz.	100
4 in.	1 7/8 in.	\$0 05	\$0 50	\$3 80
4 3/4 in.	2 1/8 in.	08	75	5 05
5 1/2 in.	2 1/4 in.	10	85	6 30
6 1/4 in.	2 3/8 in.	12	1 00	7 60
7 in.	2 3/4 in.	15	1 20	8 85
8 in.	3 3/8 in.	18	1 65	12 60
9 in.	3 3/4 in.	20	2 00	15 15

Fern-Dish Liners

Width	Depth	Each	Doz.	100
7 in.	1 3/8 in.	\$0 15	\$1 56	\$8 51

Earthen Flower Pots

Width Inside	Doz.	100	1000
1 in.	\$0 15	\$1 00	\$8 00
2 in.	15	1 05	9 00
2 1/4 in.	20	1 30	10 50
2 3/4 in.	25	45	12 00
3 in.	30	1 75	15 00
3 1/2 in.	35	2 40	20 00
4 in.	40	2 75	24 00
4 1/2 in.	50	3 25	30 00
5 in.	65	4 35	40 00
5 1/2 in.	85	5 40	48 00
6 in.	95	6 50	60 00
7 in.	1 65	10 80	95 00
8 in.	2 35	15 60	140 00
9 in.	3 50	21 50	
10 in.	5 00	29 50	
12 in.	9 50	60 00	
14 in.	16 00	95 00	

Azalea Pots

Diam.	Depth	Doz.	100	1000
5 in.	4 1/2 in.	\$0 65	\$4 35	\$34 00
6 in.	5 in.	95	6 50	51 00
7 in.	6 in.	1 65	10 80	85 05
8 in.	7 in.	2 35	15 60	122 85

Red Paper Pots

Diam.	Weight per 1000	1000
2 in.	10 lbs.	\$4 00
2 1/4 in.	12 lbs.	4 10
2 3/4 in.	16 lbs.	4 25
3 in.	24 lbs.	5 00
3 1/2 in.	34 lbs.	6 25
4 in.	46 lbs.	7 75
5 in.	74 lbs.	10 25
6 in.	102 lbs.	13 50

Sizes marked * are packed 500 to a crate, other sizes, 1000.

Special prices will be quoted f.o.b. factory.

Neonset Paper Pots Green. For Growing

This new development makes it possible to take advantage of the economy, ease and convenience of Paper Pots for the full growing period of young plants without any damaging or retarding of root-growth. The special water-proofing treatment of these Pots seems to encourage healthy growth; not necessary to use clay pots.

Size	Weight per 1000	1000
2 in.	14 lbs.	\$7 25
2 1/4 in.	16 lbs.	7 50
2 3/4 in.	22 lbs.	7 75
3 in.	28 lbs.	9 25
3 1/2 in.	39 lbs.	11 75
*4 in.	52 lbs.	13 50
*5 in.	88 lbs.	19 25
*6 in.	124 lbs.	25 00

Sizes marked * are packed 500 to a crate; other sizes, 1000.

Special prices will be quoted f.o.b. factory.

Earthenware Saucers

Diam.	Doz.	100	Diam.	Doz.	100
4 in.	\$0 25	\$1 45	9 in.	\$1 30	\$7 90
5 in.	35	1 90	10 in.	1 75	12 60
6 in.	50	2 85	12 in.	2 75	18 90
7 in.	70	4 30	14 in.	4 00	25 20
8 in.	1 00	6 00			

Rubber Saucers

Size	Each	Doz.
5 1/4 in., takes up to a 6-in. pot.	\$0 20	\$2 00
7 3/8 in., takes up to a 8-in. pot.	30	3 00
10 3/8 in., takes up to a 12-in. pot.	60	6 00
12 1/4 in., for fern and palm tubs.	90	9 00

New Easy-Opening Veneer Plant Bands



This Band is the most practical and inexpensive item for use with spring plant work. Just the thing for the nurserymen who grow azaleas, as well as those who grow annuals and perennials. They are easily opened and filled, and one of the most valuable uses for them is for the growing of bedding plants in flats.

Prices are as follows: 1000

2 x 2	x 2 1/2 in.	\$4 70
2 1/2 x 2 1/2	x 3 in.	5 50
3 x 3	x 3 in.	5 75
4 x 4	x 4 in.	6 25

The above prices are f.o.b. Philadelphia.

A discount of 5 per cent on 25,000 of any of the above sizes or combination of sizes in one shipment will be allowed.

Due to existing conditions all merchandise is offered subject to our ability to supply.

ALL PRICES SUBJECT TO MARKET CHANGES

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MICHELL'S *Bulbs*

RELIABLE



FANCY-
LEAVED
CALADIUMS

Ready in December. These showy potted plants are increasing in popularity because of their fine decorative qualities.



SPIRAEA (Astilbe), QUEEN ALEXANDRA
Easter variety, ready in December. This fine plant is winning new favor each year.



REGAL LILY. The Royal Lily
Bulbs ready in October



FREESIAS, RAINBOW MIXTURE